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# MASTER PLANNING MONOGRAPH 3

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## Programs and Services Inventory

## A Study of Non-University Post-Secondary and Continuing Education Services in Alberta 1970-71

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MASTER PLANNING MONOGRAPH #3

PROGRAM-SERVICE INVENTORY

# A STUDY OF NON-UNIVERSITY POST-SECONDARY AND CONTINUING EDUCATIONAL SERVICES IN ALBERTA 1970-71

CONDUCTED BY

GRANT L. FISHER

FOR THE

ALBERTA COLLEGES COMMISSION

May, 1971

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# FOREWORD

Master Planning Monograph #3 presents the findings of a survey conducted to identify existing programs, services, and enrolments in post-secondary, non-university and continuing education in the Province of Alberta. The survey was commissioned by the Alberta Colleges Commission as an integral part of a master planning project.

The inventory identifies the institutions and agencies providing post-secondary educational services and delineates the nature and extent of services provided on both a regional and provincial basis. Enrolments are reported for each program by institution or agency in each region.

This inventory provides one of the most complete descriptions of the educational services currently being provided in Alberta. The detailed accountings of programs, their duration and enrolments will be of special use to planning committees involved in determining future educational needs. The summary of findings and the summary tables presented in Chapter 3 will be of interest to educators and planners in the province and elsewhere in Canada.

R. A. Bosetti,

Director of Planning.

# FOREWORD

Career Planning Monograph #1 presents the findings of a survey conducted to identify existing programs, services, and curriculum in post-secondary, non-university and continuing education in the Province of Alberta. The survey was commissioned by the Alberta Colleges Commission as an integral part of a career planning project.

The monograph identifies the institutions and agencies providing post-secondary educational services and delineates the nature and extent of services provided on both a regional and provincial basis. Gaps in services are reported for each province by institution or agency in each region.

This inventory provides one of the most complete descriptions of the educational services currently being provided in Alberta. The detailed accounting of programs, course durations and enrolments will be of special use in planning counselling involved in determining future educational needs. The summary of findings and the summary tables presented in chapter 3 will be of interest to educators and planners in the province and elsewhere in Canada.

R. A. Stewart,

Director of Planning.

## SUMMARY OF FINDINGS

1. More than 80 specific institutions offering full-time programs in post-secondary education in the Province of Alberta were identified.

2. A total full-time enrolment of 32,735 was reported for 1970-71.

3. A total part-time and continuing education enrolment in educational institutions of 70,970 was reported.

4. Full-time programs varied in duration from one week to three weeks with one program extending to four years.

5. A total of 306 full-time programs were available in Alberta in 1970-71.

6. About one-third of the programs offered were classified as industrial and technical. These accounted for almost one-half of the total enrolment.

7. The two regions centered at Edmonton and Calgary accounted for most of the enrolment in community service programs.

8. Slightly more than one-quarter of the full-time students reported were Manpower supported.

9. About one-third of the full-time students were 25 years of age or older.

10. More than 60 percent of the students reported were males.

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# CHAPTER 1

## INTRODUCTION

One of the initial steps in the planning of post-secondary educational services for the future is the determination of existing programs and services. It was the purpose of the study undertaken by the author to "identify existing programs and services and their enrolments in non-university post-secondary educational institutions."

More specifically, the study was to:

1. Identify institutions and agencies in each of the regions of Alberta delineated by the Colleges Commission that presently provide non-university post-secondary educational services to the residents of Alberta.

2. Determine the nature of the educational services provided by each institution identified.

3. Determine the duration, available spaces, and enrolment for each post-secondary program of studies identified.

On several occasions, in the past, the question of enrolments in post-secondary education has been investigated.

A Fact Finding Committee on Post Secondary and Continuing Education in Alberta (1966) surveyed post-secondary institutions and discovered that of the 65 trade schools licensed in Alberta, 56 reported a total enrolment of 6,997 students. The Committee reported a total junior college enrolment, including continuing education students, of 5,412 and an enrolment in the Institutes of Technology of 14,842 including about 1,000 enrolled in correspondence courses. In addition, 801 students

were reported to be enrolled in Vocation-Technical Schools, 578 in Agricultural and Technical Colleges, a total of 12,946 in the continuing education programs of the two universities, 6,476 adults in Correspondence School Branch and 1,500 in correctional institutions. Although the Committee did not include all institutions in the Province involved in post-secondary education, it discovered that 49,522 Albertans were involved sometime during 1965-66 in post-secondary education.

The Post Secondary Task Force of the Alberta Commission on Educational Planning (1971) reported on two projections for the non-university post-secondary sector and then made its own prediction of an enrolment of 46,500 full time equivalent students in 1980. This figure was somewhat lower than the full and part-time enrolment reported for 1966. In comparing the 1966 and the projected 1980 figures, one should not conclude that post-secondary enrolments will remain static or in fact decline. The figures are not comparable since one represents total number of of persons involved and the other deals with full-time involvement or the equivalent of full-time involvement.

Even the term "full-time equivalent" has different meanings for different institutions in that full-time programs at one institution may continue for the entire year; whereas at another it lasts for less than half a year. Common terms are needed if meaningul comparisons are to be made.

# DEFINITIONS

Because a number of terms used in the description of the problem have a variety of commonly accepted meanings, it is necessary to establish detailed operational definitions.

## Non-University Post-Secondary Educational Services

For the purposes of this study, the term "non-university post-secondary educational services" refers to the following:

1. All educational services including university transfer programs, provided by public colleges, institutes of technology, agricultural and vocational colleges, private junior colleges, and Alberta Vocational Centers;

2. Non-credit extension programs offered by universities;

3. Adult education courses and services provided by school boards as part of an adult education program recognized by the Department of Education;

4. Apprenticeship programs;

5. Canada Manpower supported programs;

6. Programs offered by licensed business and trade schools located in the Province of Alberta;

7. Hospital based training programs for nurses, nurses aides, psychiatric nurses, etc.; and

8. Parks and recreation educational services designed primarily for a post high school clientele.

Educational Services

For purposes of this study, the term "educational services" includes those services commonly described in community college literature as community services.

Program of Studies

"Program of Studies," for the purposes of this report, refers to a unit of educational experiences, designated by the institution as a program, normally of at least 10 hours duration, in which a student can formally enrol, provided that the designation does not normally allow for one student to enrol in more than one program at any particular time. A program might be a collection of courses requiring two years of full-time study to complete and culminating in the granting of diploma or it might be a single evening course of several hours duration.

## DELIMITATIONS

Most of the delimitations of the study result from the restrictions of the operational definitions. However, some further clarification may be helpful.

The study did not:

1. Include correctional institutions, correspondence schools or, institutions located outside the Province with recruiting offices in the Province;

2. Include public or private agencies other than those delineated in the definition of non-university post-secondary educational services;

# CHAPTER 2

## INSTITUTIONS AND AGENCIES OFFERING POST-SECONDARY SERVICES

As noted previously, one of the purposes of the study was the identification of institutions and agencies in Alberta providing post-secondary non-university educational services.

Table 1 lists the institutions and agencies identified and records the enrolment reported for each. It includes five public colleges, two institutes of technology, three agricultural and vocational colleges, and five private colleges. In addition it lists a number of centers operated by the Vocational Training Division of the Department of Education, a forest technology school, a number of hospital based nursing schools, apprenticeship programs, university continuing education centers, provincial recreation programs, registered trade schools, adult education centers registered with the Department of Education, and agencies and organizations belonging to the Edmonton Association for Continuing Education and Recreation.

Full-time enrolments at the institutions ranged from 8 to 3,100 and part-time and continuing education enrolments range from none to more than 19,00. Table 1 combines part-time and continuing education enrolments. Other tables distinguish between the two on the basis of the definition on the first page of the data form:

> A full-time student is one who is enrolled in a course of studies equivalent to at least two-thirds of the normal load he could carry by devoting his full-time to the program.

3. Attempt to discover the place of origin of students enrolled in programs in the various regions;

4. Determine the duration of educational services other than of those which institutions declared as programs;

5. Determine the number of Albertans involved in non-university post-secondary education outside the Province.

In the area of part-time adult education or continuing education, it is possible that one client will be counted twice since he might at any one time over the course of the year enrol in more than one program. In most cases it will be impossible to discern the extent of this error, but it is generally considered to be very small in comparison to the overall population.

## COLLECTION OF DATA

In order that data might be reported in comparable form, a survey instrument (see Appendix A) was prepared and distributed to institutions and government agencies. However, some of the respondents reported that they were unable to provide the information in the form requested and provided a printed report instead. Although the data included in the printed report were not entirely comparable, they are reported.

The survey instrument in Appendix A, together with a covering letter, was sent to all licensed trade and business schools in the Province and to adult education centers registered with the Department of Education. It was also sent to private colleges, officials of the Department of

Health and the Department of Education. A similar instrument containing a more extensive listing of programs was sent to other institutions included in the study.

Institutions that did not respond within about three weeks of the mailing of the initial instrument were contaced a second time by mail and/or telephone. Some institutions received a third letter, and some were visited in order that the report might be as complete as possible.

No response was received from a few institutions after repeated requests and one individual expressed an unwillingness to provide the information requested.

A few of the responses lacked some of the information requested, but most of the individuals contacted responded promptly and completely.

## REPORTING OF DATA

The data are reported rather directly with only limited analysis and comparisons. A number of tables are used to present the detailed and specific information requested by the Colleges Commission.

In Chapter 2 the institutions and agencies providing post-secondary educational services are identified and types of services are delineated.

Chapter 3 includes a description of the services available in each region and comments on enrolments, etc. In the final Chapter a summary of the findings is presented. A copy of the survey instrument comprises Appendix A.

# CHAPTER 2

## INSTITUTIONS AND AGENCIES OFFERING POST-SECONDARY SERVICES

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> A full-time student is one who is enrolled in a course of studies equivalent to at least two-thirds of the normal load he could carry by devoting his full-time to the program.

Table 1

Institutions and Agencies in Alberta Providing Post-Secondary Educational Services and Enrolments 1970-71

| Institution | Enrolment | |
|---|---|---|
| | Full-time | Part-time & Continuing Ed. |
| PUBLIC COLLEGES | | |
| Grande Prairie College | 297 | 301 |
| Lethbridge Community College | 904 | 2,650 |
| Medicine Hat College | 657 | 206 |
| Mount Royal College | 1,822 | 981 |
| Red Deer College | 717 | 543 |
| INSTITUTES OF TECHNOLOGY | | |
| Northern Alberta Institute of Technology | 3,100 | 7,685 |
| Southern Alberta Institute of Technology | 2,313 | 4,926 |
| AGRICULTURAL AND VOCATIONAL COLLEGES | | |
| Fairview College | 63 | 266 |
| Olds College | 388 | 366 |
| Vermilion College | 151 | 181 |
| PRIVATE COLLEGES | | |
| Alberta College | 1,000 | |
| Camrose Lutheran College | 269 | 45 |
| Canadian Union College | 93 | |
| Concordia College | 67 | 1 |
| Hillcrest Christian College | 36 | 9 |

Continued...

Table 1 (Continued)

| Institution | Enrolment | |
|---|---|---|
| | Full-time | Part-time & Continuing Ed. |
| ALBERTA VOCATIONAL TRAINING CENTERS | | |
| Edmonton | 1,600 | |
| Calgary | 1,091 | |
| Grouard | 158 | |
| Fort McMurray | 499 | |
| Drumheller | 20 | |
| Banff | 25 | |
| Gleichen | 25 | |
| Hobbema | 44 | |
| Onoway | 20 | |
| Alberta Petroleum Industry Training Center | 152 | |
| Fairview | 37 | |
| Various Locations | 753 | |
| In Industry | 2,247 | |
| Rehabilitation Programs at Various Centres | 357 | |
| FOREST TECHNOLOGY SCHOOLS | | |
| Forest Technology School, Hinton | 63 | 273 |
| PSYCHIATRIC NURSING | | |
| Alberta Hospital (Edmonton) | 29 | |
| Alberta Hospital (Ponoka) | 34 | |
| ORDERLY SCHOOLS | | |
| Nursing Orderly School (Edmonton) | 186 | |
| Nursing Orderly School (Calgary) | 22 | |

Continued...

Table 1 (Continued)

| Institution | Enrolment | |
|---|---|---|
| | Full-time | Part-time & Continuing Ed. |
| NURSING AIDE SCHOOLS | | |
| Nursing Aide School (Edmonton) | 301 | |
| Nursing Aide School (Calgary) | 331 | |
| HOSPITAL BASED SCHOOLS OF NURSING | | |
| Calgary General Hospital School of Nursing | 248 | |
| Foothills Hospital School of Nursing (Calgary) | 254 | |
| Holy Cross Hospital School of Nursing (Calgary) | 128 | |
| Misericordia Hospital School of Nursing (Edmonton) | 129 | |
| Royal Alexandra Hospital School of Nursing (Edmonton) | 315 | |
| University of Alberta Hospital School of Nursing (Edmonton) | 328 | |
| Archer Memorial Hospital School of Nursing (Lamont) | 35 | |
| St. Michael's School of Nursing (Lethbridge) | 107 | |
| Galt School of Nursing (Lethbridge) | 99 | |
| *St. Joseph's School of Nursing (Vegreville) | 14 | |
| *Medicine Hat General Hospital School of Nursing | 16 | |
| Edmonton General Hospital School of Nursing | 78 | |
| CANADIAN VOCATIONAL TRAINING | | |
| Apprentices | 9,243 | |

*Phasing out.

Continued...

Table 1 (Continued)

| Institution | Enrolment | |
|---|---|---|
| | Full-time | Part-time & Continuing Ed. |
| UNIVERSITY CONTINUING EDUCATION CENTRES | | |
| University of Alberta | | 11,685 |
| University of Calgary | | 6,162 |
| University of Lethbridge | | Nil |
| RECREATION | | |
| Provincial (Not all adults) (1968) | | 2,427 |
| Municipal: 379 municipalities offered recreation services in 1958 | | |
| 44 employed full-time staff | | |
| REGISTERED TRADE SCHOOLS | | |
| Alberta Beauty School | 30 | 10 |
| Artistique Beauty College | 50 | |
| AuBuchon Beauty School | 8 | |
| Automation Institute of Canada | 21 | 12 |
| Beauty Schools of Elegance | 16 | 1 |
| Campus Barber College | 30 | |
| Camrose Hairdressing School | 9 | 2 |
| Cosmetology Schools of Canada | 40 | |
| Delmar Hairstyling Academy | | |
| Elysee Beauty School | | |
| Fort Saskatchewan Business School | 8 | 36 |
| Garbutt Business College | 66 | 8 |
| H&R Block Income Tax Course (Calgary) | | 25 |
| (Edmonton) | | 30 |
| (Lethbridge) | | 15 |
| (Red Deer) | | 12 |

Continued...

Table 1 (Continued)

| Institution | Enrolment | |
|---|---|---|
| | Full-time | Part-time & Continuing Ed. |
| Registered Trade Schools (Continued): | | |
| Haymour Barber School | 24 | |
| Henderson School of Commerce (Edmonton) | 202 | |
| (Calgary) | 261 | 420 |
| (Lethbridge) | 125 | |
| Hollingshead Business College | | |
| IBM Education Center (Edmonton) | | 168 |
| (Calgary) | | 70 |
| Jacobson's Beauty Academy | 78 | 2 |
| Jamies Beauty College | | |
| C.F. Lange Business Service | | 24 |
| Marvel Beauty School (Edmonton) | 105 | 40 |
| (Calgary) | 70 | |
| Medicine Hat Beauty School | | |
| Modern College of Business | 123 | 245 |
| Moler Barber School (Calgary) | 17 | |
| (Edmonton) | 25 | |
| Madeleines School of Beauty Culture | 8 | |
| Parkdale Beauty Salon | | |
| The Practical School of Commerce | 25 | |
| Red Deer School of Beauty | 26 | |
| Reeves Key Secretarial School | 58 | 26 |
| Ruby Sharon's School of Hair Design | 155 | |
| Red Carpet Receptionists | 100 | |
| Sophie Tuson's Hairdressing School | 57 | |
| Towne House Beauty College | 25 | |
| Victor Comptometer Ltd (Edmonton) | 53 | |
| (Calgary) | 40 | |
| Wer-Myes Beautyrama College | 15 | |

Continued...

Table 1 (Continued)

| Institution | Enrolment | |
|---|---|---|
| | Full-time | Part-time & Continuing Ed. |
| ADULT EDUCATION CENTERS (REGISTERED WITH THE DEPT. OF EDUCATION) | | |
| S.S. #19 (Calgary City) | | 19,269 |
| S.S.D. #27 (Rockyford) | | 72 |
| S.D. #12 (Edson) | | 17 |
| County #22 (Camrose) | | 2 courses (no enrolment) |
| County #20 (Strathcona) | | 276 |
| S.D. #104 (Red Deer City) | | 412 |
| County #29 (Sedgewick) | | 20 |
| St. Paul Regional H.S. | | 99 |
| S.D. #69 (Falher) | | 97 |
| County #7 (Thorhild) | | 12 |
| S.D. #15 (Rocky Mountain House) | | |
| County #27 (Vegreville) | | 8 |
| S.D. #7 (Edmonton City) | | 10,500 |
| S.D. #62 (Drumheller) | | 106 |
| S.D. #6 (Taber) | | 51 |
| County #11 (Barrhead) | | 42 |
| County #28 (Sangudo) | | 40 |
| County #31 (Stony Plain) | | 34 |
| S.D. #2912 (Hanna) | | 24 |
| S.D. #50 (Fairview) | | 22 |
| S.D. #63 (Blairmore) | | 16 |

Continued...

Table 1 (Continued)

| Institution | | Enrolment | |
|---|---|---|---|
| | | Full-time | Part-time & Continuing Ed. |
| AGENCIES AND ORGANIZATIONS | | | |
| Community Leagues (Edmonton) | | | |
| YM/WCA (Edmonton) | [1969] | | 47,000 (estimated adults) |
| Parks & Recreation (Edmonton | | | |
| TOTAL | | 32,735 | *70,970 |

*Total does not include the 47,000 estimated involvement in community leagues YM/WCA and Parks and Recreation.

The form also contains a definition of a part-time student and sets some guidelines for counting as follows:

> A part-time student is one who is enrolled in less than two-thirds of a program in which the majority of students attend full-time. Do not count students taking evening, continuing, or adult education courses as part-time students. A separate column is provided for continuing or adult education students enrolled in programs which are available to full-time students and a separate section is provided for other continuing education programs.

As noted previsouly, some institutions were unable to provide statistics in the exact form requested and thus there is no assurance that the definitions stated above formed the basis for distinguishing full-time, part-time and contiuing education students. However, there is reason to believe that the information reported is reasonably valid and useful input for planning purposes.

The detailed information contained in Table 1 should be useful to the planning committee and likely needs no further elaboration.

# CHAPTER 3

# POST-SECONDARY EDUCATION IN EIGHT REGIONS

## COLLEGE REGIONS

Since public colleges in Alberta are supported by provincial revenue, they do not serve a specific region. Nevertheless, the Commission has found it desirable to divide the Province into eight regions for purposes of planning for post-secondary education. The specific boundaries of the regions have been described in documents prepared by the Alberta Colleges Commission. The regions are delineated in this report on the basis of the largest center of population within the region which has a public college type institution within its boundaries.

The regions are:

1. Edmonton
2. Medicine Hat
3. Lethbridge
4. Calgary
5. Red Deer
6. Grande Prairie
7. Vermilion
8. Fairview

The numbering scheme is that adopted by the Commission.

Since some of the information was not available on a regional basis, it is reported separately. Statistics regarding apprenticeship programs, some vocational training programs and Recreation Branch programs are reported in this manner.

## PROGRAMS BY INSTITUTION

Tables 2 to 9 list the institutions in the various regions, outline the specific programs offered by each, show the duration of each program in years or weeks, and records the full-time, part-time and continuing education enrolment in each.

Although no attempt is made to delineate precisely the number of weeks or days a student spends in formal classes in programs of one or more years duration, it is known that the time varies somewhat from program to program. Some students in nursing programs have only a very short holiday period each year, while students in some public college programs spend a total of about 30 weeks in the classroom each year. Both, however, are considered for purposes of this report to be devoting the year to full-time studies. For programs of less than one year duration, the number of weeks or, in a few cases, hours is shown.

The programs vary in duration from two weeks to three years with one program in theology extending to four years.

The specific information in these tables will likely be of interest to the planning committee and to personnel within the institutions in the region. Other readers will wish to refer to less specific information contained in a later section of the report.

Table 2

Enrolment and Duration of Post-Secondary Programs in Region One (Edmonton), By Institution, 1970-71

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| FOREST TECHNOLOGY SCHOOL | | | | | |
| Forest Technology | 2 | | 25 | | |
| Advanced Forestry | | 23 | 20 | | |
| Basic Parks | | 10 | 18 | | |
| WER-MYES BEAUTYRAMA COLLEGE | | | | | |
| Beauty Culture | | | 15 | | |
| CAMROSE HAIRDRESSING SCHOOL | | | | | |
| Hairdressing | | 1400 hrs. | 9 | 1 | 1 |
| COSMETOLOGY SCHOOLS OF CANADA | | | | | |
| Cosmetology | | | 40 | | |
| FORT SASKATCHEWAN BUSINESS COLLEGE | | | | | |
| Stenography | | 25 | 6 | 6 | |
| Secretarial | | 35 | 2 | 2 | |
| SOPHIE TUSON SCHOOL OF HAIRDRESSING | | | | | |
| Hairdressing | | | 57 | | |
| CAMROSE LUTHERAN COLLEGE | | | | | |
| University Transfer: | | | | | |
| Agriculture | 1 | | 10 | 1 | 1 |
| Arts | 2 | | 52 | 8 | 4 |
| Commerce | 1 | | 10 | | |
| Education | 2 | | 121 | 16 | 12 |
| Engineering | 1 | | 13 | | |

Continued...

Table 2 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| Camrose Lutheran College (Continued): | | | | | |
| Household Economic | 1 | | 1 | | |
| Pharmacy | 1 | | 4 | | |
| Physical Education | 2 | | 8 | | |
| Pre-Professional | 1 | | 14 | | |
| Recreational Administration | 1 | | 4 | | |
| Sciences | 2 | | 32 | 3 | |
| CONCORDIA COLLEGE | | | | | |
| University Transfer | | | | | |
| Arts | 1 | | 15 | | |
| Science | 1 | | 6 | | |
| Education | 1 | | 46 | | |
| MARVEL HAIRDRESSING SCHOOLS | | | | | |
| Beauty Culture | | | 105 | 16 | 24 |
| MOLER BARBER SCHOOL | | | | | |
| Barbering | | | 25 | | |
| NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY | | | | | |
| Biological Sciences | 2 | | 99 | 3 | |
| Radio & TV Arts | 2 | | 48 | 2 | |
| Automated Data Processing | 2 | | 98 | 7 | |
| Banking and Finance | 2 | | 44 | | |
| Banking and Teller | 1 | | 32 | | |
| Business Administration | 2 | | 236 | | |
| Merchandising Administration | 2 | | 143 | 3 | |

Continued...

Table 2 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| Northern Alberta Institute of Technology (Continued): | | | | | |
| Secretarial Science | 2 | | 95 | 1 | |
| Dental Assistant | 1 | | 40 | 1 | |
| Dental Laboratory | 2 | | 39 | | |
| Dietary Service Technology | 2 | | 36 | | |
| Medical Laboratory Tech. | 1 | | 60 | 7 | |
| Medical Records | 2 | | 42 | | |
| Medical Typist | 1 | | 29 | | |
| Medical X-ray Tech. | 2 | | 61 | | |
| Respiratory Tech. | 1 | | 24 | | |
| Social Services | 2 | | 79 | 3 | |
| Commercial Baking | 1 | | 8 | 2 | |
| Commercial Cooking | 2 | | 58 | 1 | |
| Dining Room Service | | 12 | 20 | | |
| Food Technology | 2 | | 20 | | |
| Meat Technology | | 20 | 30 | | |
| Sewing Program | | 30 | 105 | | |
| Barbering | 1 | | 21 | | |
| Beauty Culture | 1 | | 48 | | |
| Adult Pre-Tech | 1 | | 57 | | |
| Air Conditioning & Refrigeration | 2 | | 30 | 2 | |
| Architectural Tech. | 2 | | 90 | | |
| Building Const. Tech. | 2 | | 39 | | |
| Chemical Tech. | 2 | | 89 | 6 | |
| Civil Tech. | 2 | | 110 | 3 | |
| Commercial Sign Writing | | 6 | 26 | | |
| Drafting Tech. | 2 | | 108 | 6 | |

Continued...

Table 2 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| Northern Alberta Institute of Technology (Continued) | | | | | |
| Electrical Tech. | 2 | | 40 | 3 | |
| Electronic Tech. | 2 | | 193 | 3 | |
| Exploration Tech. | 2 | | 96 | 2 | |
| Forestry (in co-operation with Forest Technology School) | | | 37 | | |
| Heavy Duty Equipment | 2 | | 57 | | |
| Industrial Production | 2 | | 30 | 4 | |
| Instrumentation | 2 | | 90 | | |
| Materials Tech. | 2 | | 23 | 1 | |
| Millwork and Carpentry | 1 | | 12 | | |
| Office Machines Tech. | 1 | | 12 | | |
| Petroleum Tech. | 2 | | 72 | 2 | |
| Photographic Tech. | 2 | | 48 | 1 | |
| Plastics Technology | 2 | | 23 | | |
| Surveying Technology | 2 | | 28 | | |
| Telecommunications | 2 | | 118 | 3 | |
| Welding | | 12 | 43 | | |
| Radio and TV Tech. | 1 | | 29 | | |
| ALBERTA COLLEGE | | | | | |
| Academic Upgrading | 1 | | 700 | | |
| Business Education | | | 300 | | |
| ALBERTA HOSPITAL | | | | | |
| Psychiatric Nursing | 2 | | 29 | | |
| NURSING ORDERLY SCHOOL | | | | | |
| Nursing Orderly | | 30 | 186 | | |

Continued...

Table 2 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| NURSING AIDE SCHOOL | | | | | |
| Nursing Aide | | 40 | 301 | | |
| UNIVERSITY OF ALBERTA HOSPITAL SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 328 | | |
| ROYAL ALEXANDRA SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 315 | | |
| MISERCORDIA HOSPITAL SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 129 | | |
| ARCHER MEMORIAL SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 35 | | |
| ST. JOSEPH'S SCHOOL OF NURSING | | | | | |
| Nursing (phasing out) | 3 | | 14 | | |
| EDMONTON GENERAL HOSPITAL SCHOOL OF NURSING | | | | | |
| Nursing | 2 | | 78 | | |
| VICTOR COMPTOMETER LTD. | | | | | |
| Computing Science | | | 53 | | 19 |
| ALBERTA VOCATIONAL TRAINING CENTERS (Edmonton) | | | | | |
| Academic Upgrading | | 52 | 1,330 | | |
| Basic English | | 52 | 46 | | |
| Stenography | | 52 | 155 | | |

Continued...

Table 2 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| Alberta Vocational Centers (Continued): | | | | | |
| Fort McMurray: | | | | | |
| Academic Upgrading | | 16 | 147 | | |
| Retail Clerking | | 16 | 25 | | |
| Stenography | | 35 | 23 | | |
| Commercial Cooking | | 16 | 29 | | |
| Heavy Equipment Operation | | 16 | 100 | | |
| Building Construction | | 16 | 29 | | |
| Automotive | | 16 | 25 | | |
| Career Driving | | 16 | 31 | | |
| Welding | | 16 | 62 | | |
| Carpentry | | 16 | 14 | | |
| Pipe Trades | | 20 | 14 | | |
| Onoway: | | | | | |
| Academic Upgrading | | 16 | 20 | | |
| ALBERTA PETROLEUM INDUSTRY TRAINING CENTRE | | | | | |
| Roughneck Drilling | | 2 | 152 | | |
| HENDERSON SCHOOL OF COMMERCE | | | | | |
| Stenography-Secretarial | | 20-40 | 202 | | |

Table 3

Enrolment and Duration of Post-Secondary Programs in Region Two (Medicine Hat), By Institution, 1970-71

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| MEDICINE HAT COLLEGE | | | | | |
| University Transfer | | | | | |
| Agriculture | 1 | | 2 | | |
| Arts | 1 | | 22 | 10 | |
| Commerce | 1 | | 12 | 1 | |
| Education | 1 | | 45 | 26 | |
| Engineering | 1 | | 14 | | |
| Household Economics | 1 | | 2 | | |
| Pharmacy | 1 | | 5 | 1 | |
| Physical Education | 1 | | 24 | 4 | |
| Pre-Professional | 1 | | 14 | 1 | |
| Sciences | 1 | | 29 | 2 | |
| College & University Prep. | 1 | | 16 | 4 | |
| High School Academics | | 16-48 | 73 | 15 | |
| Business Administration | 1 or 2 | | 33 | 24 | |
| Secretarial Science | 1 or 2 | | 15 | 3 | |
| Music | 1 | | 1 | | |
| Nursing | 2 | | 11 | | |
| GARBUTT BUSINESS SCHOOL | | | | | |
| Accounting | | 32 | 2 | | |
| Stenography | | 32 | 25 | | |
| Secretarial | | 42 | 15 | | |
| Executive Secretary | | 48 | 8 | | |

Continued...

Table 3 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| HILLCREST CHRISTIAN COLLEGE | | | | | |
| Religious Studies | 3 | | 36 | 1 | 8 |
| TOWNE HOUSE BEAUTY COLLEGE | | | | | |
| Beauty Culture | | 1400 hrs | 25 | | |
| MEDICINE HAT BEAUTY SCHOOL | | | | | |
| No report. | | | | | |
| MEDICINE HAT GENERAL SCHOOL OF NURSING | | | | | |
| Nursing (phasing out) | 3 | | 16 | | |

Table 4

Enrolment and Duration of Post-Secondary Programs in Region Three (Lethbridge), By Institution, 1970-71

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| LETHBRIDGE COMMUNITY COLLEGE | | | | | |
| Vocational Agriculture | 2 | | 21 | 2 | |
| Theatre Arts | 1 or 2 | | | | |
| Automated Data Processing | 2 | | 22 | | |
| Business Administration | 1 | | 92 | 3 | |
| Finance | 2 | | 5 | | |
| Marketing | 2 | | 16 | | |
| Office Administration | 2 | | 15 | | |
| Secretarial Science | 1 | | 121 | 2 | |
| Journalism | 1 or 2 | | 17 | | |
| Radio, TV Arts | 1 or 2 | | 27 | 1 | |
| Nursing | 2 | | 73 | | |
| Commercial Cooking | 1 | | 19 | | |
| Meat Technology | 1 | | 13 | | |
| Automotive Service Tech. | 1 | | 13 | | |
| Drafting Tech. | 1 | | 8 | | |
| Electronic Tech. | 1 | | 7 | | |
| Welding | | 3 - 6 | 17 | | |
| Motor Mechanics | | 8 | 4 | | |
| College & University Prep. | 1 - 3 | | 287 | 17 | |
| Law Enforcement | 1 or 2 | | 21 | | |
| Recreation and Outdoor Ed. | 2 | | 120 | 12 | |
| ALBERTA BEAUTY SCHOOL | | | | | |
| Cosmetology | | 32 | 30 | 10 | |

Table 4 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| BEAUTY SCHOOL OF ELEGANCE | | | | | |
| Cosmetology | | 32 | 16 | 1 | |
| HENDERSON SCHOOL OF COMMERCE | | | | | |
| Stenography-Secretarial | | 20-40 | 125 | | |
| ST. MICHAEL'S SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 107 | | |
| GALT SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 99 | | |

Table 5

Enrolment and Duration of Post-Secondary Programs in Region Four (Calgary), By Institution, 1970-71

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY | | | | | |
| Advertising Art | 3 | | 60 | | |
| Applied Arts & General Crafts | 3 | | 26 | | |
| Fine Art Painting | 3 | | 54 | | |
| Fine Art Sculpture | 3 | | 16 | | |
| Pottery and Ceramics | 3 | | 16 | | |
| Basic Art | 1 | | 80 | | |
| Business Administration | 2 | | 290 | 41 | |
| Graphic Arts Administration | 2 | | 16 | 2 | |
| Hotel, Motel & Restaurant Manage. | 2 | | 73 | 8 | |
| Library Arts | 2 | | 26 | | |
| Merchandising Admin. | 2 | | 54 | 1 | |
| Secretarial Science | 2 | | 79 | 1 | |
| Dietary Service Tech. | 2 | | 35 | 1 | |
| Medical Records | 2 | | 53 | 3 | |
| Respiratory Tech. | 2 | | 20 | 1 | |
| Commercial Baking | 1 | | 27 | | |
| Commercial Cooking | 2 | | 68 | 1 | |
| Dining Room Service | | 12 | 20 | | |
| Specialty Short Order Cook | 1 | | 32 | | |
| Aeronautical Engineer Tech. | 3 | | 58 | | |
| Adult Pre-Tech. | | 24 | 40 | | |
| Air Conditioning & Refrigeration | 2 | | 23 | | |
| Medical Records | 1 | | 40 | 1 | |
| Aircraft Maintenance Tech | 2 | | 53 | | |

Continued...

Table 5 (Continued)

| Programs | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| Southern Alberta Institute of Technology (Continued): | | | | | |
| Architectural Tech. | 2 | | 36 | | |
| Architectural Tech. | 3 | | 69 | 1 | |
| Automotive Service Tech. | 2 | | 52 | | |
| Chemical Tech. | 2 | | 102 | 1 | |
| Computer Tech. | 2 | | 148 | 8 | |
| Diesel Mechanics | 1 | | 48 | | |
| Drafting Tech. | 2 | | 41 | | |
| Electrical Tech. | 2 | | 48 | | |
| Electrical Tech. | 3 | | 22 | 1 | |
| Electrical Tech. | 3 | | 329 | 5 | |
| Industrial Engineering Tech. | 2 | | 20 | | |
| Mechanical tech. | 2 | | 35 | | |
| Petroleum Tech. | 2 | | 121 | | |
| Power Engineering Tech. | 2 | | 40 | | |
| Structural Tech. | 2 | | 63 | | |
| Surveying Tech. | 2 | | 49 | | |
| Welding | | 3-6 | 52 | | |
| Recreation Facility Maintenance | 1 | | 21 | | |
| Hair Styling | | | | | |
| Drafting Tech. | 3 | | 44 | | |
| MOUNT ROYAL COLLEGE | | | | | |
| Agri-business | 1 or 2 | | | | |
| Business Administrator | 1 or 2 | | 147 | 188 | |
| Public Administration | 2 | | | 2 | |
| Secretarial Science | 1 or 2 | | 72 | 33 | |
| Journalism | 2 | | 35 | 3 | |

Continued...

Table 5 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| Mount Royal (Continued): | | | | | |
| Public Relations | 2 | | 14 | | |
| Radio, TV Arts | 2 | | 43 | 8 | |
| Correctional Careers | 2 | | 32 | 1 | |
| Nursing | 2 | | 83 | 31 | |
| Residential Child Care | 1 | | 28 | | |
| Interior Design | 2 | | 130 | 27 | |
| University Transfer: | | | | | |
| Agriculture | 1 | | 3 | | |
| Arts | 1 | | 200 | 59 | |
| Business | 1 | | 60 | 10 | |
| Education | 1 | | 77 | 12 | |
| Household Ec. | 1 | | 3 | | |
| Pharmacy | 1 | | 8 | 2 | |
| Physical Education | 1 | | 37 | 10 | |
| Pre-Professional | 1 | | 17 | 3 | |
| Recreational Admin. | 1 | | 2 | | |
| Science | 1 | | 91 | 17 | |
| Other | 1 | | 23 | 20 | |
| Aviation | 2 | | 36 | 4 | |
| Insurance | 2 | | 1 | 32 | |
| Police Science | 1 or 2 | | 18 | 67 | |
| Recreation & Outdoor Ed. | 2 | | 87 | | |
| Urban & Regional Planning | 2 | | 6 | 7 | |
| Applied Social Science | 2 | | 81 | 10 | |
| Petroleum Engineering | 2 | | 15 | 1 | |
| Land Management Engineer | 2 | | 11 | 25 | |
| Day Care | 2 | | 17 | 5 | |

Continued...

Table 5 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| Mount Royal Continued: | | | | | |
| Social Work Career | 2 | | 45 | 2 | |
| Computer Science | 2 | | 18 | 20 | |
| Optometry | 2 | | 2 | | |
| Architecture | 1 | | 2 | | |
| Upgrading & Others | | | 254 | 316 | |
| Arts & Science | 2 | | 38 | 5 | |
| JACOBSEN BEAUTY COLLEGE | | | | | |
| Beauty Culture | | | 100 | 6 | |
| AUTOMATION INSTITUTE OF CANADA | | | | | |
| Computer Science | | | 21 | | 12 |
| MODERN COLLEGE OF BUSINESS LTD. | | | | | |
| Secretarial | | 38 | 101 | 42 | 94 |
| Clerical Typist | | 30 | 21 | 57 | 52 |
| OLDS AGRICULTURAL AND VOCATIONAL COLLEGE | | | | | |
| Ag. Equipment Tech. | 2 | | 39 | | |
| Ag. Mechanics | | 26 | 12 | | |
| Ag. Research | | 32 | | 1 | |
| Ag. Tech. | 2 | | 122 | 10 | |
| Horticulture Tech. | 2 | | 28 | | |
| Land Classification Tech. | 2 | | 23 | | |
| Farrier's Course | | 12 | 12 | | |
| Secretarial Science | 1 | | 43 | 5 | |
| Fashion & Design Mer. Tech. | 2 | | 32 | | |

Continued...

Table 5 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| HENDERSON SCHOOL OF COMMERCE | | | | | |
| Stenography | | 36 | 60 | 42 | |
| Secretarial | | 40 | 180 | | |
| Receptionist | | 28 | 25 | | |
| Dictaphone | | 20 | 14 | | |
| DEL MAR BASIC & ADVANCED HAIR-STYLING ACADEMY | | | | | |
| Hairstyling | | | 18 | | |
| ALBERTA VOCATIONAL TRAINING CENTER (Calgary) | | | | | |
| Vocational Prep. | | 16 | 782 | | |
| Basic English | | 8 | 79 | | |
| Stenography | | 35 | 200 | | |
| (Drumheller) | | | | | |
| Vocational Prep | | 16 | 20 | | |
| (Banff) | | | | | |
| Firefighting | | 16 | 25 | | |
| (Gleichen) | | | | | |
| Carpentry | | 16 | 25 | | |
| NURSING ORDERLY SCHOOL | | | | | |
| Nursing Orderly | | 30 | 22 | | |
| NURSING AIDE SCHOOL | | | | | |
| Nursing Aide | | 40 | 331 | | |
| CALGARY GENERAL SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 248 | | |

Continued...

Table 5 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| FOOTHILLS GENERAL SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 254 | | |
| HOLY CROSS SCHOOL OF NURSING | | | | | |
| Nursing | 3 | | 128 | | |
| MARVEL BEAUTY SCHOOL | | | | | |
| Beauty Culture | | | 70 | | |
| MOLER BARBER SCHOOL | | | | | |
| Barbering | | | 17 | | |
| VICTOR COMPTOMETER | | | | | |
| Computing Science | | | 40 | | |

Table 6

Enrolment and Duration of Post-Secondary Programs in Region Five (Red Deer), By Institution, 1970-71

| Programs | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| RED DEER COLLEGE | | | | | |
| Business Administration | 2 | | 57 | 2 | |
| Secretarial Science | 2 | | 30 | | |
| Nursing | 2 | | 63 | 3 | |
| Social Services | 2 | | 28 | 1 | |
| University Transfer: | | | | | |
| Agriculture | 1 | | 10 | 1 | |
| Arts | 2 | | 113 | 10 | |
| Commerce | 1 | | 19 | | |
| Education | 2 | | 171 | 20 | |
| Engineering | 1 | | 35 | | |
| Household Economics | 1 | | 6 | | |
| Nursing | 1 | | | 2 | |
| Pharmacy | 1 | | 4 | 1 | |
| Physical Education | 1 | | 26 | | |
| Pre-Professional | 1 | | 17 | 2 | |
| Recreational Admin. | 1 | | 4 | 1 | |
| Science | 2 | | 123 | 3 | |
| Arts-Science | 2 | | 9 | | |
| Academic Upgrading | | 16 | 187 | 36 | |
| RED DEER SCHOOL OF BEAUTY | | | | | |
| Beauty Culture | | 36 | 26 | | |
| REEVES KEY SECRETARIAL SCHOOL | | | | | |
| Stenography-Secretarial | | 40 | 58 | 26 | |

Continued...

Table 6 (Continued)

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| AUBUCHON BEAUTY SCHOOL | | | | | |
| Beauty Culture | | 40 | 8 | | |
| ALBERTA HOSPITAL | | | | | |
| Psychiatric Nursing | 2 | | 34 | | |
| ALBERTA VOCATIONAL TRAINING CENTRE (Hobbema) | | | | | |
| Vocational Prep. | | 16 | 44 | | |
| CANADIAN UNION COLLEGE | | | | | |
| Arts and Science | 2 | | 40 | | |
| Business Admin. | 2 | | 2 | | |
| Industrial Arts | 2 | | 5 | | |
| Physical Ed. | 2 | | 2 | | |
| Secretarial | 2 | | 3 | | |
| Theology | 4 | | 35 | | |
| Upgrading | 1 or 2 | | 6 | | |

Table 7

Enrolment and Duration of Post-Secondary Programs in Region Six (Grande Prairie), By Institution, 1970-71

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| GRANDE PRAIRIE COLLEGE | | | | | |
| Fine Art Painting | 1 | | | 51 | |
| Business Admin. | 1 or 2 | | 36 | 76 | |
| Secretarial Science | 1 or 2 | | 47 | 46 | |
| University Transfer: | | | | | |
| Arts | 1 | | 14 | 10 | |
| Commerce | 1 | | 10 | 8 | |
| Education | 1 | | 46 | 51 | |
| Engineering | 1 | | 6 | | |
| Household Ec. | 1 | | 1 | | |
| Pharmacy | 1 | | 1 | | |
| Physical Education | 1 | | 14 | 1 | |
| Pre-Professional | 1 | | 2 | 1 | |
| Science | 1 | | 24 | 5 | |
| College-University Prep. | 1 | | 76 | 30 | |
| ALBERTA VOCATIONAL TRAINING CENTER (Grouard) | | | | | |
| Vocational Prep. | | 16 | 80 | | |
| Ed. Technician | | 32 | 13 | | |
| Teacher's Aides | | 20 | 15 | | |
| Carpentry | | 16 | 50 | | |

Table 8

Enrolment and Duration of Post-Secondary Programs in Region Seven (Vermilion), By Institution, 1970-71

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| VERMILION AGRICULTURAL AND VOCATIONAL COLLEGE | | | | | |
| Pre-Technology | | 16-48 | 39 | | |
| Agriculture Tech. | 2 | | 55 | | |
| Home Economics | 2 | | 17 | | |
| Secretarial Arts | 1 | | 26 | | |
| Artificial Insemination | | 4 | 35 | | |
| Hog Production | 6 | | 18 | | |

Table 9

Enrolment and Duration of Post-Secondary Programs in Region Eight (Fairview), By Institution, 1970-71

| Program | Duration | | Enrolment | | |
|---|---|---|---|---|---|
| | Years | Weeks | Full | Part | Cont |
| FAIRVIEW AGRICULTURAL AND VOCATIONAL COLLEGE | | | | | |
| Ag. Tech. | 2 | | 32 | | |
| Diesel Mechanics | 1 | | 14 | | |
| Secretarial Science | 1 | | 17 | | |
| MADELEINE'S SCHOOL OF BEAUTY CULTURE | | | | | |
| Cosmetology | | 1400 hours | 8 | | |

Table 10 lists apprenticeship programs and shows the duration of the apprenticeship in years. It then includes the length of the in-class time for each year.

There is not a requirement for students to attend classes each year in a few of the programs, but all require some in-class time and most require 6 to 12 weeks each year of the apprenticeship. Thus very nearly 9,243 apprentices were pursuing a post-secondary program at some institution in the Province during 1970.

Apprenticeship programs are conducted in industries, shops and construction projects throughout the entire Province. However, most of the in-class time is spent at NAIT and SAIT.

Table 10 also includes statistics concerning a number of short programs sponsored by the Alberta Vocational Training Division at a number of centers throughout the Province. In addition, it lists provincial short courses offered by the Recreation Branch of the Department of Youth.

Table 10

Programs Offered in a Number of Centers
Not Classified by Region

| Program | Duration | | Enrolment | |
|---|---|---|---|---|
| | Years | Weeks | Full | Part |
| CANADIAN VOCATIONAL TRAINING - APPRENTICES WITH THE ALBERTA DEPARTMENT OF LABOUR - 1970 | | | | |
| Agricultural Mechanics | 4 | 8-12 | 29 | |
| Appliance Serviceman | 4 | 6 | 28 | |
| Auto Body Mechanics | 4 | 6 | 378 | |
| Bakers | 3 | 8 | 33 | |
| Bricklayers | 4 | 6- 8 | 92 | |
| Carpenters | 4 | 8 | 684 | |
| Communication Electricians | 4 | 6 | 585 | |
| Cooks | 3 | 8 | 110 | |
| Electrical Mechanics | 4 | 8 | 34 | |
| Electricians | 4 | 8-12 | 1479 | |
| Floorcovering Mechanic | 3 | 6 | 70 | |
| Gasfitters | 3 | 3- 4 | 73 | |
| Glassworkers | 4 | 6 | 44 | |
| Heavy Duty Mechanics | 4 | 6- 8 | 559 | |
| Instrument Mechanics | 4 | 8-12 | 29 | |
| Ironworkers | 4 | 6 | 85 | |
| Lathers | 3 | 6 | 50 | |
| Machinists | 4 | 8 | 146 | |
| Millwrights | 4 | 8 | 87 | |
| Motor Mechanics | 4 | 8 | 1484 | |
| Painters & Decorators | 4 | 6 | 120 | |
| Partsmen | 3 | 6- 8 | 169 | |
| Plasterers | 3 | 6 | 27 | |

Continued...

Table 10 (Continued)

| Program | Duration | | Enrolment | |
|---|---|---|---|---|
| | Years | Weeks | Full | Part |
| Plumbers | 4 | 8 | 903 | |
| Power Electrician | 4 | 8 | 67 | |
| Radio Technician | 4 | 8-12 | 132 | |
| Refrigeration Mechanics | 4 | 8 | 67 | |
| Roofers | 3 | 6 | 89 | |
| Sheet Metal Mechanics | 4 | 10 | 563 | |
| Steamfitters | 4 | 8 | 174 | |
| Welders | 3 | 6 | 860 | |
| ALBERTA VOCATIONAL TRAINING PROGRAMS OFFERED AT A NUMBER OF SETTINGS | | | | |
| Guide Training | | 3 | 56 | |
| Sewing for Indians | | 10 | 42 | |
| Training In - Industry | | 1-10 | 2247 | |
| General Farm Management | | 12 | 320 | |
| Intro Farm Management | | 3 | 80 | |
| Ag. Business Management | | 4 | 220 | |
| RECREATION BRANCH DEPARTMENT OF YOUTH (1968) | | | | |
| Provincial Short Courses | | | | 2427 |
| Municipal - 379 municipalities offered recreation services | | | | |
| 44 employed full-time staff | | | | |
| TOTAL | | | 12,208 | 2,427 |

## COMMUNITY SERVICES BY INSTITUTION

Tables 11 to 18 outline the community services provided by institutions in the various regions during 1970-71.

In these tables the program or service is listed and the availability of the program is shown by an "x" in the appropriate column. If students could enter a particular program at only one time during the year, an "x" appears under once. If there were two entry times an "x" appears under twice. An "x" under "contin." means that students were able to enter the program a number of times during the year. The programs in this table and other tables relating to community services have been grouped under a number of general headings. Since it is possible that some of the programs grouped under a particular heading such as "academic" were available once, some twice, and some continuously, more than one of the columns might be checked. The categoriation of specific programs also results in a range being shown under duration for many of the listings.

The possibility of counting one person more than once has already been discussed. From the information available, it is impossible to discover how many participants enrolled in more than one program at a particular institution, let alone how many enrolled in one or more community service programs in two or more different institutions.

A number of the institutions provided community services in addition to programs for which enrolments can be determined. For example, the University of Alberta Extension Division provided film series, exhibits, etc. as shown in Table 11.

Table 11

Availability, Duration and Enrolment of Community Service Programs in Region One (Edmonton), By Institution, 1970-71

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | twice | Contin | Weeks | Hours | |
| NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY | | | | | | |
| Academic | | x | | | 30-140 | 575 |
| Architecture | x | x | | | 48- 72 | 147 |
| Business | | x | | | 20-110 | 2,175 |
| Computer Sc. | | x | | | 72 | 256 |
| Fine Arts | | x | | | 36- 72 | 365 |
| Health & Soc. Ser. | x | x | | | 39-142 | 148 |
| Homemaking | x | x | | | 30- 72 | 581 |
| Industrial | | x | | | 6-120 | 1,562 |
| Physical Rec. | x | | | | 55 | 207 |
| Technical | | x | | | 30-150 | 751 |
| Other Programs | | | | | | 230 |
| COUNTY OF FLAGSTAFF | | | | | | |
| Fine Arts | x | | | | | 20 |
| I.B.M. | | | | | | |
| Computer Science | | | x | | 80 | 168 |
| FORT SASKATCHEWAN BUSINESS SCHOOL | | | | | | |
| Secretarial | | | x | | | 12 |
| COUNTY OF PARKLAND | | | | | | |
| Secretarial | | | x | | 40 | 34 |
| COUNTY OF CAMROSE | | | | | | |
| Fine Arts | x | | | | 25 | |

Continued...

Table 11 (Continued)

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| C F LANGE BUSINESS SERVICES | | | | | | |
| Secretarial | | | | | 12- 18 | 89 |
| COUNTY OF STRATHCONA | | | | | | |
| Business | | x | | | 30 | 20 |
| Fine Arts | x | x | | | 30 | 41 |
| General Interest | | x | | | 30 | 29 |
| Homemaking | | x | | | 30 | 77 |
| Industrial | x | x | | | 30 | 39 |
| Secretarial | x | x | | | 30 | 69 |
| COUNTY OF BARRHEAD | | | | | | |
| General Interest | | | | 17 | | 17 |
| Homemaking | | | | 8 | | 25 |
| COUNTY OF LAC ST. ANNE | | | | | | |
| Business | | | | | | 13 |
| Fine Arts | | | | | 100 | 12 |
| Secretarial | | | | | 200 | 15 |
| YELLOWHEAD SCHOOL DIVISION | | | | | | |
| Secretarial | | | | | 125 | 17 |
| H&R BLOCK | | | | | | |
| Business | x | | | | 72 | 30 |
| EDMONTON PUBLIC SCHOOL DISTRICT | | | | | | |
| Academic | | | x | | 46- 64 | 2,500 |
| Basic English | | | x | | 40 | 600 |
| Fine Arts & Leisure | | | x | | | 5,500 |

Continued...

Table 11 (Continued)

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| Edmonton Public School District (Continued): | | | | | | |
| Homemaking | | x | | | 20 | 900 |
| Industrial | | x | | | 30 | 115 |
| Physical Recreation | | x | | | 20 | 200 |
| Secretarial | | x | | | 64 | 500 |
| Counselling | | | x | | | |
| FOREST TECHNOLOGY SCHOOL | | | | | | |
| Business | | x | | | 40 | 34 |
| Homemaking | x | | | | 40 | 20 |
| Technical (Forestry) | x | x | x | | 30- 80 | 231 |
| Facilities available to community | | | x | | | |
| UNIVERSITY OF ALBERTA EXTENSION (1969-70 Data) | | | | | | |
| Business | | | | | | 4,407 |
| Fine Arts | | | | | | 896 |
| General Interest (Liberal Studies) | | | | | | 2,724 |
| Health & Soc. Services | | | | | | 1,465 |
| Homemaking | | | | | | 160 |
| Professional | | | | | | 2,033 |
| Community Research | | | | | | |
| Film Series | | | | | | |
| Exhibits | | | | | | |
| Conferences-Clinics | | | | | | |
| Sponsor Cultural Events | | | | | | |
| COMMUNITY LEAGUES, YM/WCA, PARTS & RECREATION (EDMONTON) | | | | | | |
| Estimated No. of Adults (1969-70) | | | | | | 47,000 |

Table 12

Availability, Duration and Enrolment of Community Service Programs in Region Two (Medicine Hat), By Institution, 1970-71

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| HILLCREST CHRISTIAN COLLEGE | | | | | | |
| Theology | | x | | | 78 | 76 |
| MEDICINE HAT COLLEGE | | | | | | |
| Basic English | x | | | 8 | | 23 |
| Fine Arts | | | | | 50- 60 | 67 |
| General Interest | x | | | | 34 | 7 |
| Homemaking | | | | | 10- 32 | 76 |
| Technical | x | | | | 50 | 33 |

Table 13

Availability, Duration and Enrolment of Community Service Programs in Region Three (Lethbridge), By Institution, 1970-71

| Programs or Services | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| LETHBRIDGE COMMUNITY COLLEGE | | | | | | |
| Academic Upgrading | | | x | | 200 | 423 |
| Agriculture | x | x | | | 20-100 | 147 |
| Architecture | x | | | | 40 | 11 |
| Basic English | | x | | | 80 | 96 |
| Business | | x | x | | 96-202 | 230 |
| Computer Science | | x | | | 88 | 23 |
| Fine Arts | | | x | | 20-148 | 127 |
| General Interest | | x | | | 280 | 144 |
| Health & Soc. Ser. | | x | | | 80 | 47 |
| Homemaking | | x | x | | 20-168 | 456 |
| Industrial | | | x | | 160 | 73 |
| Physical Rec. | x | | x | | | 191 |
| Secretarial | x | x | x | | 36- 40 | 78 |
| Technical | x | | | | 40 | 14 |
| Counselling | | | | | | |
| Conferences & Clinics | | | | | | |
| Facilities available to Community | | | | | | |
| CROWSNEST PASS SCHOOL DIVISION | | | | | | |
| Secretarial | | | | | 44 | 16 |
| TABER SCHOOL DIVISION | | | | | | |
| Basic English | x | | | | 90 | 43 |
| Secretarial | x | | | | 40 | 21 |
| Fine Arts | x | | | | 40 | 30 |

Table 14

Availability, Duration and Enrolment of Community Service Programs in Region Four (Calgary), By Institution, 1970-71

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| CALGARY PUBLIC SCHOOL BOARD (1970 Data) | | | | | | |
| Academic | | x | | | | 3,133 |
| Basic English | | | | | | 1,227 |
| General Interest | | x | | | | 5,010 |
| Physical Rec. | | x | | | | 8,762 |
| Others | | | | | | 119 |
| Counselling | | | x | | | |
| Business | | x | | | | 515 |
| HENDERSON SCHOOL OF COMMERCE | | | | | | |
| Business | | | | | 16- 48 | 56 |
| Secretarial | | | | | | 364 |
| Typing | | | | | 4- 20 | |
| OLDS AGRICULTURAL AND VOCATIONAL COLLEGE | | | | | | |
| Academic | | | x | | 12 | 75 |
| Agriculture | | | x | | | 350 |
| Business | | | x | | | 170 |
| Fine Arts | | | x | | | 60 |
| Homemaking | | x | | | 36 | 30 |
| Human Relations | | | x | | | 150 |
| Industrial | x | x | | | 20- 32 | 44 |
| Secretarial | x | | | | 32 | 13 |
| Technical | x | | | | 22 | 28 |
| Exhibits | | | x | | | |
| Conferences & Clinics | | | x | | | |
| Sponsor Cultural Events, Tours | | | x | | | |
| Facilities available to Community | | | x | | | |

Continued...

Table 14 (Continued)

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| ST. ANGELA MEYER SCHOOL S.S.D. #22 | | | | | | |
| Fine Arts | x | | | | 100 | 50 |
| I.B.M. | | | x | | | |
| Computer Science | | | | 1 | | 70 |
| UNIVERSITY OF CALGARY CONTINUING EDUCATION DIVISION | | | | | | |
| Agriculture | x | | | 15 | | 200 |
| Basic English | | x | | 10 | | 50 |
| Business | | x | | | 20- 50 | 200 |
| Computer Science | | x | | 25 | | 90 |
| Fine Arts | x | x | | | 20- 40 | 59 |
| General Interest | | x | | | 24 | 100 |
| Health & Soc. Ser. | x | x | | | 24- 40 | 60 |
| Human Relations | | | | 10 | | 75 |
| Conferences & Clinics | | | x | | | |
| MODERN COLLEGE OF BUSINESS LTD. | | | | | | |
| Secretarial | | | x | | 120-216 | 146 |
| DRUMHELLER SCHOOL DIVISION | | | | | | |
| Agriculture | | | | 12 | | |
| Secretarial | | | | 20 | | |
| Homemaking | | | | 20 | | 106 |
| Physical Rec. | | | | 20 | | |
| Academic Upgr. | | | | | | |
| HANNA SCHOOL DISTRICT | | | | | | |
| Business | x | | | | 64 | 8 |
| Secretarial | x | | | | 64 | 16 |

Continued...

Table 14 (Continued)

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| MOUNT ROYAL | | | | | | |
| Academic Upgr. | | | | | 1200 | 19 |
| SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY | | | | | | |
| Academic Upgrd. | x | | | 12-54 | | 224 |
| Architecture | x | | | 10-31 | | 122 |
| Business | x | x | | 12-15 | | 814 |
| Computer Science | x | x | | 14-30 | | 125 |
| Fine Arts | x | | | 24 | | 394 |
| General Interest | x | x | | 12-24 | | 386 |
| Homemaking | x | x | | 8-24 | | 1,025 |
| Human Relations | x | | | 24 | | 47 |
| Industrial | x | x | | 2-24 | | 572 |
| Secretarial | x | | | 24 | | 59 |
| Technical | x | x | | 1-28 | | 832 |
| H&R BLOCK | | | | | | |
| Business | x | | | | 72 | 25 |

Table 15

Availability, Duration and Enrolment of Community Service Programs in Region Five (Red Deer), By Institution, 1970-71

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| RED DEER COLLEGE | | | | | | |
| Business | | x | | | 40- 45 | 166 |
| Computer Science | | x | | | 45 | 10 |
| Fine Arts | | x | | | 40-120 | 60 |
| General Interest | | x | | | 30- 90 | 52 |
| Counselling | | | x | | | |
| University | | | | 32 | | |
| Conferences & Clinics | | | | | | 192 |
| Radio Forums | | | x | | | |
| LINDSAY THURBER COMPREHENSIVE HIGH SCHOOL | | | | | | |
| Academic Upgr. | x | | | | 96 | 14 |
| Basic English | x | | | | 40 | 10 |
| Business | x | | | | 48 | 10 |
| Secretarial | | x | | | 48 | 37 |
| Technical | x | | | | 24 | 7 |
| Industrial | x | | | | 24- 40 | 77 |
| Physical Rec. | | | | | 5 | 108 |
| Fine Arts | x | | | | 20 | 8 |
| Homemaking | x | | x | | 20- 40 | 129 |
| H&R BLOCK | | | | | | |
| Business | | | | | 72 | 12 |

Table 16

Availability, Duration and Enrolment of Community Service Programs in Region Six (Grande Prairie), By Institution, 1970-71

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| GRANDE PRAIRIE COLLEGE | | | | | | |
| General Interest | | | | | 30 | 12 |
| Fine Arts | | | | | | 150 |
| University | | | | 32 | | 103 |
| FALHER SCHOOL DISTRICT #69 | | | | | | |
| Academic Upgr. | | | | | | 60 |
| Business | | | | | | 12 |
| General Interest | | | | | | 25 |

Table 17

Availability, Duration and Enrolment of Community Service Programs in Region Seven (Vermilion), By Institution, 1970-71

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| COUNTY OF MINBURN | | | | | | |
| Industrial | x | | | | 45 | 8 |
| ST. PAUL REGIONAL SCHOOL | | | | | | |
| General Interest | x | | | | 66 | 9 |
| Fine Arts | x | | | | 66 | 15 |
| Homemaking | x | | | | 66 | 38 |
| Industrial | x | | | | 66 | 22 |
| Secretarial | x | | | | 66 | 15 |
| VERMILION AGRICULTURAL AND VOCATIONAL COLLEGE | | | | | | |
| Agriculture | | | | 8-16 | | 19 |
| General Interest | | | | 8-16 | | 17 |
| Industrial | | | | 8-16 | | 28 |
| Other | | | | | | 105 |

Table 18

Availability, Duration and Enrolment of Community Service Programs in Region Eight (Fairview), By Institution, 1970-71

| Program or Service | Available | | | Duration | | Enrolment |
|---|---|---|---|---|---|---|
| | Once | Twice | Contin | Weeks | Hours | |
| FAIRVIEW AGRICULTURAL AND VOCATIONAL COLLEGE | | | | | | |
| Academic Upgr. | x | | x | 26-40 | | 79 |
| Agricultural | x | x | x | 2-15 | | |
| Secretarial | | | x | | 180 | 30 |
| FAIRVIEW SCHOOL DIVISION #50 | | | | | | |
| Secretarial | | | | | 40 | 22 |

Precise information concerning adult enrolment in programs sponsored by agencies and institutions such as community leagues, YM/WCA, etc. is unattainable. However, this type of participation in Edmonton City was estimated to be 47,000 adults during 1969-70.

## GENERAL PROGRAM AREAS

The tables above have presented detailed, specific information which, hopefully, will be useful to institutions in the region. Less specific information concerning programs in the regions is presented in Tables 19 to 27.

This set of tables shows the number of institutions in a region that offer various types of programs and the number of programs offered within the region. For example, Table 19 shows four institutions in the Edmonton Region offering six programs which are classified as academic upgrading. Further, it shows that the programs varied in duration from 16 weeks to one year and that 23 hundred students were enrolled during 1970-71. Table 19 also shows that a total of 8,497 full-time students were enrolled in 91 post-secondary programs.

Although on the basis of enrolment, academic upgrading was the most popular program in Region One, six times as many programs in the "industrial and technical" category were offered. Health and Social services programs ranked second in terms of number of programs offered and third in terms of enrolment. Other tables in the series provide similar information concerning the other seven regions of the province.

Table 19

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings In Region One (Edmonton), 1970-71

| Program | *No. in Region | | Duration | | | Enrolment | |
|---|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | | Years | Full | Part |
| Academic Upgrading | 4 | 6 | 16 | - | 1 | 2,300 | |
| Agriculture | Nil | | | | | | |
| Arts | 2 | 2 | 2 | - | 2 | 74 | 2 |
| Arts & Sc. (Gen.) | Nil | | | | | | |
| Business | 6 | 14 | 16 | - | 2 | 1,414 | 18 |
| Health & Soc. Services | 10 | 17 | 30 | - | 2 | 1,789 | 11 |
| Home Economics | 8 | 14 | 12 | - | 2 | 532 | 68 |
| Industrial & Tech. | 4 | 36 | 2 | - | 2 | 2,052 | 39 |
| Recreation | Nil | | | | | | |
| Theology | | | | | | | |
| University Transfer | 2 | 2 | | | 2 | 336 | 20 |
| TOTAL | | 91 | | | | 8,497 | 158 |

*Number of institutions in the region offering programs.

Table 20

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings, In Region Two (Medicine Hat), 1970-71

| Program | No. in Region | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | 1 | 1 | 16-48 | | 89 | 19 |
| Agriculture | Nil | | | | | |
| Arts | 1 | 1 | | 1 | 1 | |
| Arts & Sc. (Gen.) | Nil | | | | | |
| Business | 2 | 6 | 32 - | 2 | 98 | 27 |
| Health & Soc. Ser. | 2 | 2 | | 2-3 | 27 | |
| Home Economics | 1 | 1 | 32 | | 25 | |
| Industrial & Tech. | Nil | | | | | |
| Recreation | Nil | | | | | |
| Theology | 1 | 1 | | 3 | 36 | 1 |
| University Transfer | 1 | 1 | | 1 | 169 | |
| TOTAL | | 13 | | | 445 | 47 |

Table 21

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings In Region Three (Lethbridge), 1970-71

| Program | No. in Region | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | 1 | 1 | | 1-3 | 287 | 17 |
| Agriculture | 1 | 1 | | 2 | 21 | 2 |
| Arts | 1 | 2 | | 1-2 | 27 | 1 |
| Arts & Sc. (Gen.) | 1 | 1 | | 1or2 | 17 | |
| Business | 2 | 7 | 20 - | 2 | 396 | 5 |
| Health & Soc. Ser. | 3 | 3 | 1 - | 3 | 300 | |
| Home Economics | 3 | 4 | 32 - | 1 | 78 | 11 |
| Industrial & Tech. | 1 | 5 | 8 - | 1 | 49 | |
| Recreation | 1 | 1 | | 2 | 120 | |
| Theology | | | | | | |
| University Transfer | | | | | | |
| TOTAL | | 25 | | | 1,295 | 36 |

Table 22

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings, In Region Four (Calgary), 1970-71

| Program | No. in Region | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | 3 | 5 | 16 | - 1 | 1,175 | 316 |
| Agriculture | 2 | 8 | 12 | - 2 | 247 | 36 |
| Arts | 1 | 7 | | 1-3 | 295 | |
| Arts & Science | 1 | 3 | | 2 | 99 | 8 |
| Business | 8 | 25 | 20 | - 2 | 1,682 | 494 |
| Health & Soc. Ser. | 7 | 16 | | 1-2 | 1,402 | 120 |
| Home Economics | 4 | 9 | 12 | - 2 | 560 | 36 |
| Industrial & Tech. | 4 | 28 | 3 | - 3 | 1,452 | 21 |
| Recreation | 1 | 1 | | 2 | 87 | |
| Theology | 1 | 1 | | 1 | 521 | 133 |
| University Transfer | | | | | | |
| TOTAL | | 103 | | | 7,460 | 1,164 |

Table 23

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings, In Region Five (Red Deer), 1970-71

| Program | No. of Regions | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | 3 | 3 | 16 | - 2 | 237 | 36 |
| Agriculture | | | | | | |
| Arts | | | | | | |
| Arts & Science | 2 | 2 | | 2 | 49 | |
| Business | | 5 | 40 | - 2 | 150 | 28 |
| Health & Soc. Ser. | 2 | 3 | | 2 | 125 | 4 |
| Home Economics | 2 | 2 | 36 | | 34 | |
| Industrial & Tech. | 1 | 1 | | 2 | 5 | |
| Recreation | 1 | 1 | | 2 | 2 | |
| Theology | 1 | 1 | | 4 | 35 | |
| University Transfer | 1 | 1 | | 2 | 528 | |
| TOTAL | | 19 | | | 1,165 | 68 |

Table 24

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings, In Region Six (Grande Prairie), 1970-71

| Program | No. in Region | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | 2 | 2 | 16 | 1 | 156 | 30 |
| Agriculture | | | | | | |
| Arts | 1 | 1 | | | | 51 |
| Arts & Science | | | | | | |
| Business | 1 | 2 | | 1-2 | 83 | 76 |
| Health & Soc. Ser. | | | | | | |
| Home Economics | | | | | | |
| Industrial & Tech. | 1 | 2 | 20-32 | | 28 | |
| Recreation | | | | | | |
| University Transfer | 1 | 1 | | 1 | 118 | |
| TOTAL | | 8 | | | 385 | 157 |

Table 25

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings, In Region Seven (Vermilion), 1970-71

| Program | No. of Regions | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | 1 | 1 | 16-48 | | 39 | |
| Agriculture | 1 | 3 | | 2 | 108 | |
| Arts | | | | | | |
| Arts & Science | | | | | | |
| Business | 1 | 1 | | 1 | 26 | |
| Health & Soc. Ser. | | | | | | |
| Home Economics | 1 | 1 | | 2 | 17 | |
| Industrial & Tech. | | | | | | |
| Recreation | | | | | | |
| University Transfer | | | | | | |
| TOTAL | | 6 | | | 151 | |

Table 26

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings, In Region Eight (Fairview), 1970-71

| Program | No. in Region | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | | | | | | |
| Agriculture | 1 | 1 | | 2 | 32 | |
| Arts | | | | | | |
| Arts & Science | | | | | | |
| Business | 1 | 1 | | 1 | 17 | |
| Health & Soc. Ser. | | | | | | |
| Home Economics | 1 | 1 | 32 | | 8 | |
| Industrial & Tech. | 1 | 1 | | 1 | 17 | |
| Recreation | | | | | | |
| University Transfer | | | | | | |
| TOTAL | | 4 | | | 74 | |

# CHAPTER 4

## A SUMMARY OF POST-SECONDARY EDUCATION IN REGIONS OF ALBERTA

Reference has been made to detailed information concerning post-secondary programs in each of eight regions delineated by the Alberta Colleges Commission. The statistics collected and presented will form a portion of the input required by the Educational Master Planning Project of the Commission. Hopefully, the findings will be of interest to public and private institutions across the Province, as well.

Although the report is concerned with the 1970-71 term, which was defined specifically on the data form as the period from July 1, 1970 to June 30, 1971, some of the information concerning continuing education was drawn from earlier reports. In all likelihood, if changes have occurred since those reports were written, they are in the direction of increased involvement. Thus a small number of conservative estimates were combined with the statistics.

As noted previously, not all institutions provided the information which was requested. However, with the aid of follow-up contacts of various types, information was procured from all of the public institutions identified, and from very nearly all of the private institutions in which a full-time adult students were enrolled.

## SPECIFIC PROGRAMS IN THE PROVINCE

Table 28 provides detailed information concerning post-secondary programs as were defined on page 3. It shows the number of programs offered in the Province, the full-time and part-time enrolments in each, and those regions in which each program was offered.

The Table shows, for example, that 15 general academic upgrading programs were offered in the Province with full-time enrolments totaling 4,119 persons. These programs were available in six of the eight regions.

Table 27

Institutions Involved, Programs Offered, Duration and Enrolment For Programs, Grouped Under General Headings Not Classified by Region in a Number of Centers

| Program | No. in Region | | Duration | | Enrolment | |
|---|---|---|---|---|---|---|
| | Instit. | Programs | Weeks | Years | Full | Part |
| Academic Upgr. | | | | | | |
| Agriculture | | 4 | 3-12 | | 649 | |
| Arts | | | | | | |
| Arts & Science | | | | | | |
| Business | | | | | | |
| Health & Soc. Ser. | | | | | | |
| Home Economics | | 3 | 8-10 | | 185 | 2427 |
| Industrial & Tech. | | 30 | 1-12 | | 10,571 | |
| Recreation | | | | | | |
| Theology | | | | | | |
| University Transfer | | | | | | |
| TOTAL | | 37 | | | 11,405 | 2,427 |

Table 28

Number of Programs, Enrolment and Regions Offering Specific Post-Secondary Programs, 1970-71*

| Program | No. of Programs | Enrolment | | Regions Offering | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Full | Part | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Academic Upgrading | | | | | | | | | | | |
| Basic English | 2 | 125 | | x | | | x | | | | |
| General | 15 | 4,119 | 418 | x | x | x | x | x | x | | |
| Agriculture | | | | | | | | | | | |
| Ag. Equipment Tech. | 1 | 39 | | | | | x | | | | |
| Ag. Mechanics | 1 | 12 | 1 | | | | x | | | | |
| Ag. Research | 1 | | 1 | | | | x | | | | |
| Ag. Tech. | 2 | 154 | 10 | | | | x | | | | x |
| Farrier's Course | 1 | 12 | | | | | x | | | | |
| Land Class. Tech. | 1 | 23 | | | | | x | | | | |
| Land Manage. Eng. | 1 | 11 | 25 | | | | x | | | | |
| Horticulture Tech. | 1 | 28 | | | | | x | | | | |
| Vocational Ag. | 1 | 21 | 2 | | | x | | | | | |
| Arts | | | | | | | | | | | |
| Advertising Arts | 1 | 60 | | | | | x | | | | |
| Applied Arts & Gen. Crafts | 1 | 26 | | | | | x | | | | |
| Basic Art | 1 | 80 | | | | | x | | | | |
| Commercial Sign Writing | 1 | 26 | | x | | | | | | | |
| Fine Art Painting | 2 | 54 | 51 | | | | x | x | | | |
| Fine Art Sculpture | 1 | 16 | | | | | x | | | | |
| Music | 1 | 1 | | | x | | | | | | |
| Pottery & Ceramics | 1 | 16 | | | | | x | | | | |
| Radio & TV Arts | 3 | 118 | 11 | x | | x | x | | | | |
| Theatre Arts | 1 | | | | | x | | | | | |

Continued...

*Apprenticeship programs and programs offered at a number of centers not classified by region are not included in this table.

Table 28 (Continued)

| Program | No. of Programs | Enrolment | | Regions Offering | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Full | Part | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Arts & Science (General) | | | | | | | | | | | |
| General | 3 | 87 | 5 | | | | x | x | | | |
| Journalism | 2 | 52 | 3 | | | x | x | | | | |
| Library Arts | 1 | 26 | | | | | x | | | | |
| Business | | | | | | | | | | | |
| Accounting | 1 | 2 | | | x | | | | | | |
| Agri-business | 1 | 1 | | | | | x | | | | |
| Banking | 2 | 76 | | x | | | | | | | |
| Business Admin. | 8 | 893 | 334 | x | x | x | x | x | x | | |
| Computer Science | 2 | 166 | 28 | | | | x | | | | |
| Data Processing | 5 | 234 | 19 | x | | x | x | | | | |
| Dictaphone | 1 | 14 | | | | | x | | | | |
| Finance | 1 | 5 | | | | x | | | | | |
| Graphic Arts Admin. | 1 | 16 | 2 | | | | x | | | | |
| Hotel, Motel & Restaurant Management | 1 | 73 | 8 | | | | x | | | | |
| Insurance | 1 | 1 | 32 | | | | x | | | | |
| Marketing | 1 | 16 | | | | x | | | | | |
| Merchandising Admin. | 3 | 219 | 4 | x | | | x | | | | |
| Office Admin. | 1 | 15 | | | | x | | | | | |
| Public Admin, | 1 | | 2 | | | | x | | | | |
| Public Relations | 1 | 14 | | | | | x | | | | |
| Receptionist | 1 | 25 | | | | | x | | | | |
| Retail Clerking | 1 | 25 | | x | | | | | | | |
| Secretarial | 18 | 914 | 179 | x | x | x | x | x | x | | x |
| Stenography | 9 | 734 | 105 | x | x | | x | | | | |

Continued...

Table 28 (Continued)

| Program | No. of Programs | Enrolment | | Regions Offering | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Full | Part | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Health & Social Services | | | | | | | | | | | |
| Applied Social Science | 1 | 81 | 10 | | | | x | | | | |
| Correction Careers | 2 | 53 | 1 | | | x | x | | | | |
| Day Care | 1 | 17 | 5 | | | | x | | | | |
| Dental Assistant | 1 | 40 | 1 | x | | | | | | | |
| Dental Lab. | 1 | 39 | | x | | | | | | | |
| Medical Lab. | 2 | 113 | 10 | x | | | x | | | | |
| Medical Records | 2 | 82 | 1 | x | | | x | | | | |
| Medical Typist | 1 | 29 | | x | | | | | | | |
| Medical X-Ray Tech. | 1 | 61 | | x | | | | | | | |
| Nursing | 15 | 1,981 | 34 | x | x | x | x | x | | | |
| Nursing Aide | 2 | 632 | | x | | | x | | | | |
| Nursing Orderly | 2 | 208 | | x | | | x | | | | |
| Optometry | 1' | 2 | | | | | x | | | | |
| Police Sc. | 1 | 18 | 67 | | | | x | | | | |
| Psychiatric Nursing | 2 | 63 | | x | | | | x | | | |
| Residential Child Care | 1 | 28 | | | | | x | | | | |
| Respiratory Tech. | 2 | 44 | | x | | | x | | | | |
| Social Serv. (work) | 3 | 152 | 5 | | | | | | | | |
| Home Economics | | | | | | | | | | | |
| Beauty Culture | 8 | 349 | 70 | x | x | | x | x | | | |
| Commercial Baking | 2 | 36 | 2 | x | | | x | | | | |
| Commercial Cooking | 4 | 174 | | x | | x | x | | | | |
| Cosmetology | 4 | 94 | 11 | x | | | x | | | | x |
| Dietary Serv. Tech. | 2 | 71 | 1 | x | | | x | | | | |
| Dining Room Service | 2 | 40 | | x | | | x | | | | |
| Food Tech. | 1 | 20 | | x | | | | | | | |
| Hairdressing | 3 | 84 | 1 | x | | | x | | | | |

Continued...

Table 28 (Continued)

| Program | No. of Programs | Enrolment | | Regions Offering | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Full | Part | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Home Economics (Continued): | | | | | | | | | | | |
| Interior Design | 1 | 130 | 27 | | | | x | | | | |
| Meat Tech. | 2 | 43 | | x | | x | | | | | |
| Specialty Short Order Cook. | 1 | 32 | | | | | x | | | | |
| Sewing | 1 | 105 | | x | | | | | | | |
| Industrial-Technical | | | | | | | | | | | |
| Aeronautical Eng. Tech. | 1 | 58 | | | | | x | | | | |
| Air Conditioning & Refrig. | 2 | 53 | 2 | x | | | x | | | | |
| Aircraft Main. Tech. | 1 | 53 | | | | | x | | | | |
| Architect Tech. | 4 | 197 | 1 | x | | | x | | | | |
| Automotives | 3 | 90 | | x | | x | | | | | |
| Aviation | 1 | 36 | 4 | | | | x | | | | |
| Barbering | 3 | 63 | | x | | | x | | | | |
| Biological Sc. | 1 | 99 | 3 | x | | | | | | | |
| Building Const. | 1 | 29 | | x | | | | | | | |
| Building Const. Tech. | 1 | 39 | | x | | | | | | | |
| Career Driving | 1 | 31 | | x | | | | | | | |
| Clinical Tech. | 2 | 191 | 7 | x | | | x | | | | |
| Civil Tech. | 1 | 110 | 3 | x | | | | | | | |
| Diesel Mechanics | | | | | | | | | | | |
| Drafting Tech. | 4 | 201 | 7 | x | | x | x | | | | |
| Education Tech. | 1 | 13 | | | | | | | | x | |
| Electrical Tech. | 3 | 110 | 4 | x | | | x | | | | |
| Electronic Tech. | 3 | 529 | 8 | x | | x | x | | | | |
| Exploration Tech. | 1 | 96 | 2 | x | | | | | | | |
| Firefighting | | | | | | | | | | | |
| Forestry | 2 | 82 | | x | | | | | | | |
| Heavy Duty Equip. Op. | | | | | | | | | | | |

Continued...

Table 28 (Continued)

| Program | No. of Program | Enrolment Full | Enrolment Part | Regions Offering 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Industrial-Technical (Continued): | | | | | | | | | | | |
| Heavy Duty Eq. Tech. | 1 | 57 | | x | | | | | | | |
| Industrial Eng. Tech. | | | | | | | | | | | |
| Industrial Prod. | 2 | 35 | 4 | x | | | | x | | | |
| Instrumentation | 1 | 90 | | x | | | | | | | |
| Materials Tech. | 1 | 23 | 1 | x | | | | | | | |
| Mechanical Tech. | 1 | 35 | | | | | x | | | | |
| Millwork & Carpentry | 3 | 51 | | x | | | x | | | | |
| Motor Mechanics | 1 | 4 | | | | x | | | | | |
| Office Machines Tech. | 1 | 12 | | x | | | | | | | |
| Petroleum Tech. | 3 | 208 | 3 | x | | | x | | | | |
| Photographic Tech. | 1 | 48 | 1 | x | | | | | | | |
| Pipe Trades | 1 | 14 | | x | | | | | | | |
| Plastics Tech. | 1 | 23 | | x | | | | | | | |
| Power Eng. Tech. | 1 | 40 | | | | | x | | | | |
| Radio & TV Tech. | 1 | 29 | | x | | | | | | | |
| Recreation Facility Main. | 1 | 21 | | | | | x | | | | |
| Roughneck Drilling | 1 | 152 | | x | | | | | | | |
| Structural Tech. | 1 | 63 | | | | | | | | | |
| Surveying Tech. | 2 | 77 | | x | | | x | | | | |
| Teachers Aide | 1 | 15 | | | | | | | x | | |
| Telecommunications | 1 | | | | | | | | | | |
| Urban Regional Planning | | 118 | | x | | | | | | | |
| Welding | 4 | 174 | | x | | x | x | | | | |
| Recreation | | | | | | | | | | | |
| Recreation & Outdoor Ed. | 3 | 209 | 12 | | | x | x | x | | | |
| University Transfer | 6 | 1,672 | 314 | x | x | | x | x | x | | |
| Religious Studies | 2 | 71 | | | x | | | x | | | |

The single program with the greatest full-time enrolment was general academic upgrading. Nursing ranked second, university transfer third, and secretarial fourth in size of enrolment. On the basis of total number of programs offered, secretarial ranked first, and nursing and academic upgrading were tied for second place.

It is apparent from the table that a number of specialized programs were offered in only one of the regions.

On the basis of other studies being completed for the Colleges Commission and data available from other sources, the planning committee will develop policies which will help decide whether these programs should be made available in other regions. Some of the programs with heavy enrolments might well be dispersed more widely throughout the Province.

## GENERAL PROGRAM AREAS

Table 29 shows the results of collapsing the list of specific programs into a small number of general headings. The table contains statistics concerning the number of programs and enrolments, and indicates the proportion of the total enrolment in each program classification.

It is apparent from table 29 that programs grouped under the "industrial and technical" heading accounted for almost half of the total full-time enrolment. The bulk of the apprenticeship programs are contained in this classification. It is interesting to note that a total of 103 programs of this type were available to Albertans during 1970-71.

Except for the industrial and technical programs, academic upgrading, business and health and social services programs had the heaviest enrolments.

Table 29

Programs Offered and Enrolment for Programs Grouped Under General Headings for the Province, 1970-71

| Program | No. of Programs | Full-time Enrolment Number | Full-time Enrolment Percent[1] | Part-time Enrolment |
|---|---|---|---|---|
| Academic Upgrading | 19 | 4,283 | 13.9 | 418 |
| Agriculture | 17 | 1,057[2] | 3.4 | 38 |
| Arts | 13 | 397 | 1.3 | 54 |
| Arts & Science (general) | 6 | 165 | 0.5 | 8 |
| Business | 61 | 3,866 | 12.5 | 648 |
| Health & Soc. Services | 41 | 3,643 | 11.8 | 135 |
| Home Economics | 35 | 1,379[2] | 4.5 | 115 |
| Industrial & Technical | 103 | 14,174[2] | 45.8 | 60 |
| Recreation | 3 | 209 | 0.7 | |
| Theology | 2 | 71 | 0.2 | 1 |
| University Transfer | 6 | 1,672 | 5.4 | 153 |
| TOTAL | 306 | 30,916 | 100.0 | 1,630 |

[1]Full-time enrolment as a percentage of the total full-time enrolment.

[2]Includes apprentices.

They accounted for 13.9, 12.5 and 11.8 percent, respectively, of the total enrolments.

University transfer programs accounted for only 5.4 percent of the enrolment. Home Economics programs, including beauty culture, hairdressing, etc. accounted for 4.5 percent of the total enrolment, and 17 agriculture programs attrated 3.4 percent. Although enrolment in the arts or fine arts amounted to only 397, or 1.3 percent of the total, some 13 programs were available.

The table shows a total of 30, 916 full-time students were enrolled in post-secondary, non-university programs. A figure considerably larger than that was cited for university enrolment for the same time period. Total values in this table were obtained by summing of enrolments recorded for specific programs. In some returns, the total reported on the outside page of the form did not balance with the enrolments reported for specific programs. Thus, totals in Table 29 do not correspond with those in Table 1.

## COMMUNITY SERVICES IN THE PROVINCE

Table 30 outlines enrolments by region and by program for community service programs. It is apparent from the table that the bulk of the enrolments was in the two major cities. Some of the regions showed very little involvement in programs reported in this study.

A number of programs were apparently equally popular: (1) physical recreation, (2) business, (3) general interest, (4) fine arts, and (5) academic upgrading. Homemaking, Industrial, and Basic English programs

Table 30

Total Involvement in Community Services
In Each Region*

| Program or Service | TOTAL ENROLMENTS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Regional | | | | | | | | Provincial |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| Academic Upgr. | 3,075 | | 423 | 3,451 | 14 | 60 | | 79 | 7,102 |
| Agriculture | | | 147 | 550 | | | 19 | | 716 |
| Architecture | 147 | | 11 | 122 | | | | | 280 |
| Basic English | 600 | 23 | 139 | 1,277 | 10 | | | | 2,049 |
| Business | 6,679 | | 230 | 1,788 | 188 | 12 | | | 8,897 |
| Computer Sc. | 424 | | 23 | 285 | 10 | | | | 742 |
| Fine Arts | 6,834 | 67 | 157 | 563 | 68 | 150 | 15 | | 7,954 |
| General Int. | 2,770 | 7 | 144 | 5,496 | 52 | 37 | 26 | | 8,532 |
| Health & Soc. Services | 1,613 | | 47 | 60 | | | | | 1,720 |
| Homemaking | 1,763 | 76 | 456 | 1,055 | 129 | | 38 | | 3,517 |
| Human Rel. | | | | 272 | | | | | 272 |
| Industrial | 1,716 | | 73 | 616 | 77 | | 58 | | 2,540 |
| Physical Rec. | 407 | | 191 | 8,762 | 108 | | | | 9,468 |
| Secretarial | 736 | | 115 | 598 | 37 | | 15 | 52 | 1,553 |
| Technical | 982 | 33 | 14 | 860 | 7 | | | | 1,896 |
| Theology | | 76 | | | | | | | 76 |
| Other | 2,263 | | | 225 | 192 | 103 | 105 | | 2,888 |
| TOTAL | 30,009 | 282 | 2,170 | 25,980 | 892 | 362 | 276 | 131 | 60,102 |

*Data do not include estimated numbers of adults involved in programs sponsored by community leagues, YMCA, and so on. It is estimated that on the basis of Edmonton data, totals would be more than doubled if enrolments in community league, YMCA, etc. programs were included.

had substantial enrolments as well.

Over 60,000 Albertans participated in the adult education programs included in this study. As noted elsewhere, if the Edmonton Association for Continuing Education and Recreation estimates are accurate and represent a pattern common to other centers, actual participation in organized programs could well be close to three times that number. Even then, programs sponsored by churches, clubs, voluntary organizations, etc. would not be accounted for. It is apparent that continuing education is big business.

## MANPOWER SUPPORT

The Federal Department of Manpower and Immigration's involvement in post-secondary education is most apparent in the non-university sector. In excess of one-quarter of the 22,437 students reported in Table 31 received Manpower support. In two of the eight regions, more than one-half of the reported enrolments received support.

Numerous questions have been asked and remain unanswered concerning Manpower involvement in education. It is impossible to ascertain what proportion of the 5,992 students who received support would have participated in formal post-secondary education had the support not been available.

Table 31

Approximate Number and Proportion of Full-time Students Receiving Manpower Support, By Region*

| Region No. | Name | Total Full-Time Enrolment Reported | Total Number Supported By Manpower | Percentage Supported By Manpower |
|---|---|---|---|---|
| 1. | Edmonton | 8,497 | 1,907 | 22.4 |
| 2. | Medicine Hat | 445 | 226 | 50.8 |
| 3. | Lethbridge | 1,295 | 122 | 9.4 |
| 4. | Calgary | 7,460 | 1,132 | 15.2 |
| 5. | Red Deer | 1,165 | 160 | 13.7 |
| 6. | Grande Prairie | 385 | 216 | 56.1 |
| 7. | Vermilion | 151 | | |
| 8. | Fairview | 74 | 5 | 6.8 |
| | Alberta Vocational Centers** | 2,965 | 2,224 | 75.0 |
| | TOTAL | 22,437 | 5,992 | 26.7 |

*Includes numbers of participants based on 75 percent enrollees receiving Manpower support in Alberta Vocational training programs in each region. Apprenticeship programs are not included.

**Those students not included in any of the eight regions.

## AGE AND SEX OF STUDENTS

The final table presents a profile of participants by sex and age. Not all of the respondents provided the information requested. It is interesting to note that more than one-eighth of the students reported were over 35 years of age. The largest proportion of participants, as might be expected, fell within the 18 to 21 age bracket. Less than five percent were under 18, and about a fifth were in the 22 to 24 category.

The distribution by sex was quite similar in most of the regions. The region with the greatest proportion of males was Edmonton with 67 percent. Alberta Vocational Centers recorded exactly the same proportion, and Calgary reported 64 percent. The Grande Prairie region reported a majority of females and Red Deer was not far behind with only 51 percent males. Generally, then, students engaged in non-university post-secondary education are predominantly male. Indeed, many of the available programs are designed to prepare workers for jobs which traditionally have been reserved for men.

Table 32

Approximate Age and Sex Distribution of Full-Time Enrolment, By Region

| Region | | Under 18 | 18-21 | 22-24 | 25-29 | 30-34 | 35+ | Percentages of Males & Females |
|---|---|---|---|---|---|---|---|---|
| 1. Edmonton | M | 216 | 1,539 | 378 | 165 | 57 | 69 | 67 % |
| | F | 157 | 857 | 82 | 28 | 21 | 36 | 33 % |
| 2. Medicine Hat | M | 7 | 199 | 53 | 39 | 22 | 42 | 60 % |
| | F | 17 | 119 | 19 | 31 | 8 | 49 | 40 % |
| 3. Lethbridge | M | 15 | 325 | 139 | 52 | 29 | 24 | 61 % |
| | F | 9 | 299 | 22 | 9 | 8 | 23 | 39 % |
| 4. Calgary | M | 80 | 2,273 | 832 | 372 | 124 | 185 | 64 % |
| | F | 196 | 1,467 | 214 | 105 | 58 | 140 | 36 % |
| 5. Red Deer | M | 10 | 294 | 46 | 25 | 12 | 8 | 51 % |
| | F | 10 | 290 | 19 | 14 | 14 | 37 | 49 % |
| 6. Grande Prairie | M | 6 | 89 | 22 | 15 | 12 | 15 | 48 % |
| | F | 10 | 94 | 13 | 12 | 8 | 32 | 52 % |
| 7. Vermilion | M | | | | | | | |
| | F | | - | not reported | | - | | |
| 8. Fairview | M | | | | | | | |
| | F | | - | not reported | | - | | |
| Alberta Vocational Centre* | M | 26 | 302 | 1,400 | 836 | 556 | 1,322 | 67 % |
| | F | 14 | 152 | 701 | 418 | 279 | 665 | 33 % |
| TOTAL | | 773 | 8,299 | 3,940 | 2,121 | 1,208 | 2,647 | 18,988 |

*Statistics by region not available.

## SUMMARY OF FINDINGS

The following general findings may be of interest.

1. More than 80 specific institutions offering full-time programs in post-secondary education in the Province of Alberta were identified.

2. A total full-time enrolment of 32,735 was reported for 1970-71.

3. A total part-time and continuing education enrolment in educational institutions of 70,970 was reported.

4. Full-time programs varied in duration from one week to three years with one program extending to four years.

5. A total of 306 full-time programs were available in Alberta in 1970-71.

6. About one-third of the programs offered were classified as industrial and technical. They accounted for almost one-half of the total enrolment.

7. The two regions centered at Edmonton and Calgary accounted for most of the enrolment in community service programs.

8. Slightly more than one-quarter of the full-time students reported were Manpower supported.

9. About one-third of the full-time students were 25 years of age or older.

10. More than 60 percent of the students reported were males.

# CONCLUSION

The non-university sector of post-secondary education remains a growing and vital part of the total system. In terms only of full-time students, this sector is extremely important. When one considers that a greater number of the students in this sector participates for a relatively short time compared to university students, one becomes aware that there is a very large number of individuals who have some contact with this level of post-secondary education each year.

# APPENDIX A

The Instrument Used for the Collection of Data

# POST-SECONDARY SERVICES AND PROGRAMS DATA FORM

1. Institution of Agency _____

2. Registrar or Director _____

3. Data required:

This form is designed to obtain information concerning full-time and part-time enrolment in all educational programs and services offered by your institution or agency to a post high school clientele. Although specific instructions are included for each section, a few terms used throughout the form require definition:

a. Full-time student. A full-time student is one who is enrolled in a course of studies equivalent to at least two-thirds of the normal load he could carry by devoting his full-time to the program.

b. Part-time student. A part-time student is one who is enrolled in less than two-thirds of a program in which the majority of students attend full-time. Do not count students taking evening, continuing, or adult education courses as part-time students. A separate column is provided for continuing or adult education students enrolled inprograms which are available to full-time students and a separate section is provided for other continuing education programs.

Some of the sections of the form will not apply to your institution. In such a case, please continue to the next section.

## SECTION I: TOTAL ENROLMENTS

Total Enrolment July 1, 1970 to June 30, 1971

1. Full-time

   a. Full-time students presently attending (last official count _____

   b. Full-time student who attended sometime between July 1, 1970 and now, and have now completed their program of studies _____

   c. Estimate of full-time enrolment for programs which will begin between now and June 30, 1971 _____

   d. Total full-time enrolment _____

2. Part-time

   a. Part-time students presently attending (last official count) _____

   b. Part-time students who attended sometime between July 1, 1970 and now, and have now completed their program of studies _____

   c. Estimate of part-time enrolment for programs which will begin between now and June 30, 1971 _____

   d. Total part-time enrolment _____

3. Evening, Adult or Continuing Education

   a. Students presently attending (last official count) _____

   b. Students who attended sometime between July 1, 1970 and now, and have now completed their program of studies _____

   c. Estimate of enrolment for programs which will begin between now and June 30, 1971 _____

   d. Total adult or continuing education enrolment _____

4. Age - Sex distribution of full-time students. (Age at time of admission). If exact information is not available, please estimate and check here . . . . . _____

| Sex | AGE Under 18 | 18-21 | 22-24 | 25-29 | 30-34 | 35-40 | 41-50 | 51-60+ |
|---|---|---|---|---|---|---|---|---|
| M | | | | | | | | |
| F | | | | | | | | |

5. Manpower Support:

Total number of full-time students supported by Canada Manpower.

## SECTION II: PROGRAM DATA

(Report short courses and courses offered only in the evening under section III)

| | 1. Duration | | | 2. Enrolment | | | 3. Spaces | |
|---|---|---|---|---|---|---|---|---|
| | Years | Weeks Per Year or | Total Weeks | Full-time | Part-time | Adult or Evening | First Year | Second Year |
| Agriculture (specify) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Arts (specify) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Health & Soc. Services (specify) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

1. For programs which vary in length, please state the average duration.

2. Please record the total enrolment from July 1, 1970 to June 30, 1971 including those presently attending, those who completed their studies and an estimate of the number who will begin as described in section I.

3. Keeping in mind space, equipment, field work and other limitations, please indicate the number of students you could have admitted this year (Sept., 1970-Aug., 1971).

## SECTION II: PROGRAM DATA

(Report short courses and courses offered only in the evening under section III)

| | 1. Duration | | | 2. Enrolment | | | 3. Spaces | |
|---|---|---|---|---|---|---|---|---|
| | Years | Weeks Per Year or | Total Weeks | Full-time | Part-time | Adult or Evening | First Year | Second Year |
| BUSINESS: Accounting | | | | | | | | |
| Banking | | | | | | | | |
| Bus. Admin. | | | | | | | | |
| Data Processing Computer Science | | | | | | | | |
| Finance | | | | | | | | |
| Hospitality Management | | | | | | | | |
| Marketing | | | | | | | | |
| Merchandising | | | | | | | | |
| Office Management | | | | | | | | |
| Stenography | | | | | | | | |
| Secretarial | | | | | | | | |
| Executive Secretary | | | | | | | | |
| Legal | | | | | | | | |
| Medical | | | | | | | | |
| Other | | | | | | | | |

1. For programs which vary in length, please state the average duration.

2. Please record the total enrolment from July 1, 1970 to June 30, 1971 including those presently attending, those who completed their studies and an estimate of the number who will begin as described in section I.

3. Keeping in mind space, equipment, field work and other limitations, please indicate the number of students you could have admitted this year (Sept., 1970-Aug., 1971).

## SECTION II: PROGRAM DATA

(Report short courses and courses offered only in the evening under section III)

| | 1. Duration | | | 2. Enrolment | | | 3. Spaces | |
|---|---|---|---|---|---|---|---|---|
| | Years | Weeks per Year or | Total Weeks | Full-time | Part-time | Adult or Evening | First Year | Second Year |
| Home Economics (specify) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Industrial and Technical (specify) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Other (specify) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

1. For programs which vary in length, please state the average duration.

2. Please record the total enrolment from July 1, 1970 to June 30, 1971 including those presently attending, those who completed their studies and an estimate of the number who will begin as described in section I.

3. Keeping in mind space, equipment, field work and other limitations, please indicate the number of students you could have admitted this year (Sept., 1970-Aug., 1971).

## SECTION II: PROGRAM DATA

(Report short courses and courses offered only in the evening under section III)

| | 1. Duration | | | 2. Enrolment | | | 3. Spaces | |
|---|---|---|---|---|---|---|---|---|
| | Years | Weeks Per Year or | Total Weeks | Full-time | Part-time | Adult or Evening | First Year | Second Year |
| | | | | | | | | |
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1. For programs which vary in length, please state the average duration.

2. Please record the total enrolment from July 1, 1970 to June 30, 1971 including those presently attending, those who completed their studies and an estimate of the number who will begin as described in section I.

3. Keeping in mind space, equipment, field work and other limitations, please indicate the number of students you could have admitted this year (Sept., 1970-Aug., 1971).

## SECTION III: COMMUNITY SERVICES, ADULT OR CONTINUING EDUCATION

(To include data relative to evening, short courses and services not included under Section II)

POST HIGH SCHOOL YOUTH AND ADULTS ONLY. IF ACTUAL FIGURES ARE NOT AVAILABLE, PLEASE ESTIMATE.

| | 1. Offered | | | 2. Enrolment | | 3. Duration | | 4. Use | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Once | Twice | Continuous | Actual | Estimate | Weeks | Total Hours | Extensive | Moderate | Limited |
| Academic Upgrading | | | | | | | | | | |
| High School Matric. | | | | | | | | | | |
| Other | | | | | | | | | | |
| Agriculture | | | | | | | | | | |
| Horticulture | | | | | | | | | | |
| Agri-Business | | | | | | | | | | |
| Other | | | | | | | | | | |
| Architecture | | | | | | | | | | |
| Drafting | | | | | | | | | | |
| Other | | | | | | | | | | |
| Basic English | | | | | | | | | | |
| Business | | | | | | | | | | |
| Accounting | | | | | | | | | | |
| Supervision | | | | | | | | | | |

1. Please indicate the number of times the programs or service was or will be made available between July 1, 1970, & June 30, 1971.

2. Please complete either enrolment or use.

3. For programs which have a definite duration please state the duration in weeks and in total hours. For some services, such as counselling, no duration need be listed.

4. Use should be completed for those programs and services which do not have definite enrolments.

CONTINUED

## SECTION III: COMMUNITY SERVICES, ADULT OR CONTINUING EDUCATION

(To include data relative to evening, short courses and services not included under Section II)

POST HIGH SCHOOL YOUTH AND ADULTS ONLY. IF ACTUAL FIGURES ARE NOT AVAILABLE, PLEASE ESTIMATE.

| | 1. Offered | | | 2. Enrolment | | 3. Duration | | 4. Use | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Once | Twice | Continuous | Actual | Estimate | Weeks | Total Hours | Extensive | Moderate | Limited |
| Small Business Manage. | | | | | | | | | | |
| Other | | | | | | | | | | |
| Computer Science | | | | | | | | | | |
| Fine Arts | | | | | | | | | | |
| Music | | | | | | | | | | |
| Graphic Arts | | | | | | | | | | |
| Drama | | | | | | | | | | |
| Crafts | | | | | | | | | | |
| Others | | | | | | | | | | |
| General Interest | | | | | | | | | | |
| Modern Language | | | | | | | | | | |
| Parent-school | | | | | | | | | | |
| other | | | | | | | | | | |
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1. Please indicate the number of times the programs or service was or will be made available between July 1, 1970, & June 30, 1971.

2. Please complete either enrolment or use.

3. For programs which have a definite duration please state the duration in weeks and in total hours. For some services, such as counselling, no duration need be listed.

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## SECTION III: COMMUNITY SERVICES, ADULT OR CONTINUING EDUCATION

(To include data relative to evening, short courses and services not included under Section II)

POST HIGH SCHOOL YOUTH AND ADULTS ONLY. IF ACTUAL FIGURES ARE NOT AVAILABLE, PLEASE ESTIMATE.

| | 1. Offered | | | 2. Enrolment | | 3. Duration | | 4. Use | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Once | Twice | Continuous | Actual | Estimate | Weeks | Total Hours | Extensive | Moderate | Limited |
| Health & Social Services | | | | | | | | | | |
| Nursing | | | | | | | | | | |
| Social Services | | | | | | | | | | |
| Other | | | | | | | | | | |
| Homemaking | | | | | | | | | | |
| Sewing | | | | | | | | | | |
| Cooking | | | | | | | | | | |
| Other | | | | | | | | | | |
| Human Relations | | | | | | | | | | |
| Group Dynamics | | | | | | | | | | |
| Leadership | | | | | | | | | | |
| Other | | | | | | | | | | |
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1. Please indicate the number of times the programs or service was or will be made available between July 1, 1970, & June 30, 1971.

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## SECTION III: COMMUNITY SERVICES, ADULT OR CONTINUING EDUCATION

(To include data relative to evening, short courses and services not included under Section II)

POST HIGH SCHOOL YOUTH AND ADULTS ONLY.
IF ACTUAL FIGURES ARE NOT AVAILABLE, PLEASE ESTIMATE.

| | 1. Offered | | | 2. Enrolment | | 3. Duration | | 4. Use | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Once | Twice | Continuous | Actual | Estimate | Weeks | Total Hours | Extensive | Moderate | Limited |
| Industrial | | | | | | | | | | |
| Automotives | | | | | | | | | | |
| Construction | | | | | | | | | | |
| Plumbing | | | | | | | | | | |
| Welding | | | | | | | | | | |
| Other | | | | | | | | | | |
| Physical Recreation (Instructional Programs Only) | | | | | | | | | | |
| Swimming Instruction | | | | | | | | | | |
| Dancing Instruction | | | | | | | | | | |
| Outdoor sports | | | | | | | | | | |
| Indoor sports | | | | | | | | | | |
| Other | | | | | | | | | | |
| | | | | | | | | | | |

1. Please indicate the number of times the programs or service was or will be made available between July 1, 1970, & June 30, 1971.

2. Please complete either enrolment or use.

3. For programs which have a definite duration please state the duration in weeks and in total hours. For some services, such as counselling, no duration need be listed.

4. Use should be completed for those programs and services which do not have definite enrolments.

## SECTION III: COMMUNITY SERVICES, ADULT OR CONTINUING EDUCATION

(To include data relative to evening, short courses and services not included under Section II)

POST HIGH SCHOOL YOUTH AND ADULTS ONLY. IF ACTUAL FIGURES ARE NOT AVAILABLE, PLEASE ESTIMATE.

| | 1. Offered | | | 2. Enrolment | | 3. Duration | | 4. Use | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Once | Twice | Continuous | Actual | Estimate | Weeks | Total Hours | Extensive | Moderate | Limited |
| Secretarial | | | | | | | | | | |
| Typing | | | | | | | | | | |
| Shorthand | | | | | | | | | | |
| Other | | | | | | | | | | |
| Technical | | | | | | | | | | |
| Electrical | | | | | | | | | | |
| Electronics | | | | | | | | | | |
| Engineering Tech. | | | | | | | | | | |
| Chemical | | | | | | | | | | |
| Biological Science | | | | | | | | | | |
| Forestry | | | | | | | | | | |
| Other | | | | | | | | | | |
| Theology | | | | | | | | | | |
| Other programs | | | | | | | | | | |

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2. Please complete either enrolment or use.

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## SECTION III: COMMUNITY SERVICES, ADULT OR CONTINUING EDUCATION

(To include data relative to evening, short courses and services not included under Section II)

POST HIGH SCHOOL YOUTH AND ADULTS ONLY. IF ACTUAL FIGURES ARE NOT AVAILABLE, PLEASE ESTIMATE.

| | 1. Offered | | | 2. Enrolment | | 3. Duration | | 4. Use | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Services | Once | Twice | Continuous | Actual | Estimate | Weeks | Total Hours | Extensive | Moderate | Limited |
| Adult counselling | | | | | | | | | | |
| Community research | | | | | | | | | | |
| Film series | | | | | | | | | | |
| Speakers bureau | | | | | | | | | | |
| Exhibits | | | | | | | | | | |
| Conferences, clinics, etc | | | | | | | | | | |
| Sponsor cultural events | | | | | | | | | | |
| Tours | | | | | | | | | | |
| Facilities available to community groups | | | | | | | | | | |
| Other community services | | | | | | | | | | |
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